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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1926.

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INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

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17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station as a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of − .089, to which add the sum of correction +.008 = −.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the current temperature and the corrected thermograph reading 12 hours previous. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the corrected thermograph reading 12 hours previous to the time of the special.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is −0.5°. The true temperature is, therefore, 62.0° −0.5°=61.5°. For a reading of −8.0° the correction is −1.2°, the true temperature is −8.0° −1.2°= −9.2°. For a reading of −28.0° the correction is +7.8°, the true temperature is −28.0° +7.8°= −20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is −0.6°, and at −28.0° is −2°. The change of correction between +2° and −28° is −1.4°. For 7° it is about −0.3°. For a scale reading of −35.0°, which is 7° below −28.0°, the correction is −2.3°, and the true temperature is −35.0° −2.3°= −37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The "Percentage of possible for each hour" will be determined by dividing the "Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds ~~25~~ 32 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0" the direction for that hour will also be "0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248

The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St., Fr.Cu., Fr.St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). When shreds of clouds are observed below a complete cloud cover, the total amount of clouds may exceed 10. Example: 10 St.NW., Few Fr.St.SW. If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, dust, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, dense dust, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," "Dusty," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds.

98. Haze will not be given a direction. Fog, dust, and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, dust, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog, dust, and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog, dust, or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⊼) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frost will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality; and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes*. If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town, the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar, and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading " Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. The entry of time of moonrise and moonset is optional. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon, both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (√), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded (1.14÷0.09=12; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 and 219.

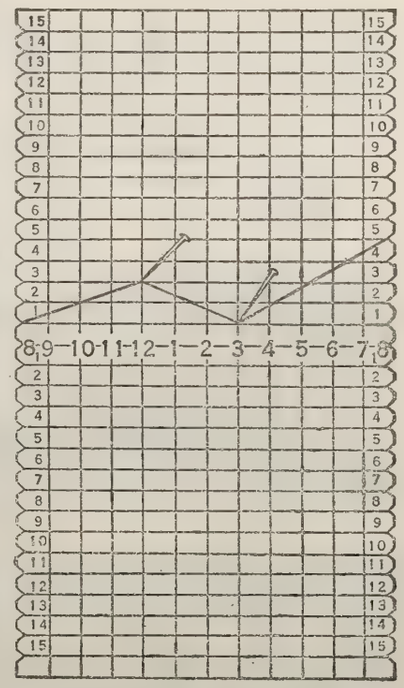
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in "local standard time" throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *1927*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a m, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 a. m. May 20, 19 11

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

Gage not in use.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	58.0	29.149	.086	29.063	30.04	-3.8	-4.0	-5	92	.029	10.8	-4.0	SW	16			T	10	st	SW	Cloudy		CJS	1
2	67.0	29.556	.111	29.445	30.44	-3.2	-3.4	-4	93	.031	5.2	-3.7	SW	8			0	3	st cu	W	Clear		CJS	2
3	70.0	29.638	.120	29.518	30.52	-5.1	-5.3	-7	92	.026	2.5	-5.1	SW	10			0	2	st	NE	Clear		CLH.	3
4	72.0	29.572	.125	29.447	30.43	8.1	7.7	6	91	.052	10.8	5.9	SW	11			0	Few	cu	NE	Clear		CLH.	4
5	75.0	29.600	.133	29.467	30.44	14.8	13.6	10	79	.063	20.2	14.8	SW	11			0	Few	st	SW	Clear		CLH.	5
6	71.0	29.460	.122	29.338	30.29	33.1	30.6	27	76	.143	35.2	32.4	SW	14			T	Few	a st	E	Clear		CLH.	6
7	71.0	29.359	.121	29.238	30.18	38.6	33.1	25	56	.130	40.3	37.2	SW	12			0	6 4	a cu st cu	W SW	Cloudy		CLH.	7
8	71.0	29.310	.121	29.189	30.13	36.2	35.7	35	95	.203	39.2	35.2	W	4			.01	10	st	W	Cloudy		CLH.	8
9	73.0	29.182	.126	29.056	30.01	33.8	32.3	30	86	.164	37.4	33.8	SW	8			T	10	st cu	SW	Cloudy		CJS	9
10	72.0	29.063	.123	28.940	29.89	32.8	32.0	31	92	.172	35.9	30.8	SW	8			0	10	Dense Fog	SW	Foggy		CJS	10
11	70.0	28.946	.118	28.828	29.76	37.7	36.2	34	87	.195	44.9	37.2	SW	6			0	2	a st	W	Clear		CJS	11
12	71.0	29.062	.120	28.942	29.89	33.8	32.6	31	88	.172	39.0	33.0	S	10			0	10	st. cu	S	Cloudy		CJS	12
13	69.0	28.714	.114	28.600	29.52	39.4	37.9	36	88	.211	45.1	39.3	SW	9			T	1	st cu	SW	Clear		CJS	13
14	73.5	29.000	.127	28.873	29.81	38.9	37.9	37	92	.219	39.6	34.9	SE	6			.02	10	st cu	S	Cloudy		CJS	14
15	72.5	29.391	.126	29.265	30.20	37.8	36.0	33	85	.187	57.8	37.2	NE	14			0	10	st	NE	Cloudy		CJS	15
16	69.0	29.420	.117	29.303	30.26	28.8	27.7	26	88	.136	28.8	24.7	SE	5			0	10	st cu	SE	Cloudy		CLH.	16
17	70.0	29.380	.119	29.261	30.21	32.8	30.3	27	76	.143	43.8	31.8	NW	5			T	10	st cu	NW	Cloudy		CLH.	17
18	68.5	29.225	.114	29.111	30.06	29.5	28.2	26	85	.136	31.4	29.1	SW	2			0	10	st cu	SW	Cloudy		CLH.	18
19	72.5	28.450	.122	28.328	29.25	45.3	45.3	45	100	.298	45.3	37.7	SE	8			0.53	10	nb	SE	Heavy Rain		CLH.	19
20	58.0	29.000	.086	28.914	29.87	8.3	8.1	7	95	.054	34.8	8.3	W	24	39	W	T	10	st cu	W	Cloudy		CLH.	20
21	61.0	29.368	.095	29.273	30.25	6.5	6.1	4	90	.047	11.3	6.5	W	13	28	W	T	0	0	0	Clear		CLH.	21
22	67.0	29.320	.111	29.209	30.17	23.8	21.9	18	75	.093	23.8	16.5	SW	15			0	Few	a st	S	Clear		CLH.	22
23	65.5	29.283	.107	29.176	30.13	26.9	25.8	24	87	.124	36.8	26.9	SW	10			0	Few	cu	SW	Clear		CJS	23
24	73.0	28.802	.124	28.678	29.61	41.0	38.8	36	82	.211	41.1	34.8	S	13			0.05	10	st cu	SW	~~Cloudy~~ Rain		CJS	24
25	68.0	29.071	.112	28.959	29.82	16.8	15.4	12	77	.070	32.8	16.8	W	18	30	NW	T	2	st cu	W	Clear		CJS	25
26	64.0	29.202	.102	29.100	30.07	10.4	9.6	6	83	.052	26.9	10.4	W	20	32	W	0	0	0	0	Clear		CJS	26
27	73.0	29.259	.126	29.133	30.10	16.2	15.3	13	85	.074	18.0	13.8	W	8			0	10	st cu	SW	Cloudy		CJS	27
28	65.0	29.386	.106	29.280	30.27	0.2	-0.1	-2	90	.034	12.2	0.2	W	12			0	Few	cu	W	Clear		CJS	28
29	70.5	29.364	.120	29.244	30.21	10.1	9.6	8	89	.057	10.1	6.8	S	5			0	1 2	cu st cu	W W	Clear		CJS	29
30	71.0	29.404	.122	29.282	30.26	12.6	11.8	10	85	.063	19.1	12.6	E	4			0	10	st cu	W	Cloudy		CLH.	30
31	72.0	29.412	.125	29.287	30.26	15.2	14.8	13	93	.074	22.2	14.8	SW	3			0	0	0	0	Clear		CLH.	31
Sums		(a)	(a)	902.747	93.245	697.3	661.5	592	2672	3.663	(a)	(a)	(a)	312	(a)	(a)	0.61	163	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.121	30.079	22.5	21.3	19.1	86.2	.113	(a)	(a)	(c) SW	10.1	(a)	(a)	(a)	5.3	U a. st L St Cu	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1928

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	67.0	29.363	.111	29.252	30.25	5.0	4.7	4	92	.047	5.8	-5.1	SW	14			T	10	cst	SW	Cloudy			CJS	1
2	73.5	29.647	.129	29.518	30.52	2.5	2.0	0	86	.038	8.9	-4.2	W	8			0	4	stu	W	Pt. Cloudy			CJS	2
3	72.5	29.616	.126	29.490	30.48	10.8	10.0	7	83	.054	14.2	-5.1	SW	12			0	1	stu	W	Clear			CJS	3
4	69.0	29.523	.117	29.406	30.39	20.2	18.9	16	81	.085	24.1	6.9	NW	16	25	SW	0	10	stu	NW	Cloudy			CJS	4
5	71.0	29.451	.122	29.329	30.29	33.9	29.8	24	61	.124	33.9	14.1	SW	17			0	8	stu	W	Cloudy			CJS	5
6	70.0	29.400	.119	29.281	30.23	40.3	37.8	34	80	.195	44.1	30.8	SW	11			0	1	cst	N	Clear			CLH	6
7	70.5	29.284	.120	29.164	30.10	39.2	38.9	37	90	.219	42.3	37.2	SW	10			T	10	nb	SW	Lt. Rain	B 10:00p m Cont.		CJS	7
8	71.0	29.370	.121	29.249	30.20	36.2	35.2	34	91	.195	37.4	36.2	NW	5			0	10	stcu	NW	Cloudy	Cont. E DNa		CLH	8
9	71.0	29.030	.120	28.910	29.86	35.2	33.7	31	86	.177	36.1	32.8	SW	8			0	10	stu	SW	Cloudy			CLH	9
10	70.5	28.906	.119	28.787	29.72	44.9	40.8	36	70	.211	49.7	31.8	SW	18			0	0	0	0	Clear	B DNa - E DNa B 7:10a E 9:00a	DNa 7:10a	CJS	10
11	72.0	29.150	.124	29.026	29.97	39.0	36.5	33	80	.187	42.2	37.2	W	7			0	10	stu	W	Cloudy			CLH	11
12	71.5	28.760	.120	28.640	29.56	45.1	42.1	39	79	.237	49.1	33.8	SW	12			0	10	stcu	SW	Cloudy			CLH	12
13	70.0	29.000	.118	28.882	29.82	39.6	36.6	33	76	.187	46.0	39.0	W	6			0	10	stu	SW	Cloudy			CLH	13
14	72.0	28.924	.123	28.801	29.72	57.8	53.2	50	74	.360	60.0	38.9	SW	15			0	10	stu	SW	Cloudy			CLH	14
15	70.0	29.616	.119	29.497	30.46	27.0	25.8	24	86	.124	37.8	26.9	E	14			0	10	stu	E	Cloudy			CJS	15
16	71.0	29.282	.121	29.161	30.10	43.8	43.3	43	96	.277	45.0	28.8	W	14			.02	10	nb	W	Lt. Rain	B 7:10 a E 7:40 a B 5:00 p E 6:10 p	B 7:40 a E 5:00 p	CJS	16
17	71.5	29.303	.122	29.181	30.13	31.4	30.4	29	89	.157	39.0	31.4	SW	8			0	4	stcu	W	Pt. Cloudy			CJS	17
18	73.0	29.246	.125	28.921	29.87	37.7	34.7	31	75	.172	38.9	28.4	SE	3			0	10	stcu	SE	Cloudy			CJS	18
19	68.0	28.676	.111	28.565	29.48	34.8	31.8	28	73	.150	46.8	34.8	W	20	31	W	0.30	8	stcu	W	Cloudy			CJS	19
20	57.0	29.158	.084	29.074	30.04	11.3	10.7	8	87	.057	12.1	6.4	W	22	30	W	T	9	stcu	W	Cloudy			CLH	20
21	66.0	29.431	.109	29.322	30.30	18.8	16.0	8	57	.057	21.2	6.5	SW	8			0	0	0	0	Clear			CJS	21
22	63.0	29.170	.100	29.070	30.02	36.8	30.2	18	44	.093	41.0	23.8	SW	13	25	SW	0	10	cu	SW	Cloudy			CLH	22
23	70.0	29.184	.118	29.066	30.02	37.7	34.2	29	71	.157	43.8	26.9	SE	5			0	3	cst	SE	Clear			CLH	23
24	74.0	28.540	.126	28.414	29.34	32.8	32.8	33	100	.187	42.0	32.8	NW	22	26	NW	0.56	10	nb	NW	Heavy Snow			CLH	24
25	70.5	29.150	.120	29.030	29.99	24.1	21.8	17	70	.089	25.1	14.8	SW	12			T	6	stu	W	Pt. Cloudy			CLH	25
26	73.0	29.372	.126	29.246	30.22	18.0	16.2	11	72	.066	20.9	9.8	SW	6			T	2	cu	W	Clear			CLH	26
27	71.0	29.291	.121	29.170	30.14	12.2	11.0	7	76	.054	24.9	12.2	NW	12			.02	4	cu	NW	Pt. Cloudy			CLH	27
28	70.5	29.434	.121	29.313	30.30	9.3	7.9	1	69	.040	14.2	-1.1	SW	8			0	0	0	0	Clear			CJS	28
29	75.0	29.367	.132	29.235	30.20	19.1	16.9	11	66	.066	21.3	10.1	W	4			0	10	stcu	W	Cloudy			CJS	29
30	74.0	29.380	.130	29.250	30.22	22.2	20.2	15	72	.081	24.8	12.4	SW	4			0	2	cu	W	Clear			CLH	30
31	73.0	29.234	.126	29.108	30.07	27.8	25.2	20	70	.103	31.4	15.2	S	7			0	10	9.5t	SW	Cloudy			CJS	31
Sums		(a)	(a)	902.358	932.01	894.5	829.3	711	2402	4241	(a)	(a)	(a)	341	(a)	(a)	0.90	212	(a)	(a)	(a)	4	2	(a)	(a)
Means		(a)	(a)	29.108	30.065	28.9	26.8	22.9	77.5	.137	(a)	(a)	(c) SW	11.0	(a)	(a)	(a)	6.8	U 9.5t L stcu	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1928

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
1	6	-5	11	17	0				S D	DNa	DNa	S D	9:30 a	10:30 a							T				0	T	2.0	T	1
2	9	-4	13	2	2																0				0	0.	1.8	0	2
3	14	-5	19	2	4																0				0	0	1.5	0	3
4	24	6	18	11	15																0				0	0	1.0	0	4
5	35	14	21	9	24				R	7:55 p	8:10 p										T				0	0	0.7	0	5
6	44	31	13	14	38																0				0	0	T	0	6
7	42	37	5	2	40				R	6:35 p	cont										.01				0	0	0	0	7
8	37	35	2	4	36				R	Cont.	DNa										T				0	0	0	0	8
9	36	33	3	2	34				R	DNa	DNa										T				0	0	0	0	9
10	50	31	19	6	40																0				0	0	0	0	10
11	45	37	8	1	41																0				0	0	0	0	11
12	49	33	16	0	41				R	11:15 p	Cont										T				0	0	0	0	12
13	46	37	9	1	42				R	Cont.	DNa										T				0	0	0	0	13
14	60	35	25	6	48				R	DNa	DNa										.02				0	0	0	0	14
15	54	25	29	8	40																0				0	0	0	0	15
16	45	26	19	4	36				R	9:12 a	7:30 p										.02				0	0	0	0	16
17	39	30	9	2	34																0				0	0	0	0	17
18	39	28	11	0	34				R	9:20 p	Cont.										.16				0	0	0	0	18
19	47	22	25	0	34				R	Cont.	8:13 a	R	9:35 a	9:55 a	S M	2:00 p	2:30 p	S M	11:30 p	P.N.P.	.67				0	T	T	T	19
20	22	6	16	20	14				S D	11:35 a	11:55 a	S D	7:15 p	7:45 p							T				0	T	T	T	20
21	21	6	15	0	14																0				0	T	0	0	21
22	41	18	23	16	30																0				0	0	0	0	22
23	44	27	17	6	36																0				0	0	0	0	23
24	42	28	14	1	35				R	DNa	8:15 a	R	9:35 a	3:15 p	S M	3:15 p	7:10 p				.61				0	0.8	0.5	0.08 *	24
25	28	15	13	13	22				S D	2:45 p	2:50 p										T				0	T	0	T	25
26	27	10	17	4	18				S D	3:00 p	3:30 p										T				0	T	T	T	26
27	25	5	20	3	15				S D	12:10 p	5:50 p										.02				0	1.2	1.0	0.02	27
28	14	-1	15	9	6																0				0	0	0.6	0	28
29	21	8	12	8	14																0				0	0	0.2	0	29
30	25	12	13	4	18																0				0	0	T	0	30
31	31	15	16	5	23																0				0	0	T	0	31
S	1062	595	467	180	828		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.51		Total excess or deficiency since Jan. 1,		0	2.0	(a)	(a)	(a)
M	34.3	19.2	15.1	5.8	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Sunday

* Estimated

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SUMMARY FOR THE MONTH OF January, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .025)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.121	29.108	29.114	29.540	3	28.200	19	1.340	30.079	30.065	30.072	30.54	3	29.11	19	1.43
Corrected mean		29.109						Corrected mean		30.067					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
22.5	28.9	25.7	21.3	26.8	24.0	34.3	19.2	26.8	60	14	-5	1	65	29	15	2	8

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
19.1	22.9	21.0	86.2	77.5	81.8	.118	.137	.128	13	0	24	4

CLOUDS.

Most frequent clouds: Strato-Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8191	11.0	SW	29	N	19	0	1	2	5	4	31	14	5	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.3	6.8	6.1	50	7	9	15	0	1	6

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	19, 20	0	31	7,8,10,16	10,16	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.51	.83	18-19	None	—	—	None	—	—	9	7	3	2	0	16	7	2	2.0	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded. T. B. Gage not in use

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Prepared by E. L. Hardy

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
24	1:00pm	Noon	74.5	28.583	.127	28.456	29.38	40.8	39.9	39	2	93	42.0	S	6			.13	10	st	SW	Heavy Rain	Barograph fell .14	DJ	24
						Extremes of pressure																			
3	9 am 45	8 am 45				29.540	30.54	1.0		Highest															3
19	10 am 00	9 am 00				28.200	29.11	46.8		Lowest															19

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											#253 ~~267~~	18	#84 ~~89~~	6					#337 ~~358~~	24
2											170	19	37	5					207	24
3											225	21	22	3					247	24
4											331	24							331	24
5											310	24							310	24
6											372	24							372	24
7											282	24							282	24
8	42	12									29	5	11	3	14	4			96	24
9											226	23	5	1					231	24
10											292	23	7	1					299	24
11											49	6	149	17	11	1			209	24
12									119	10	132	14							251	24
13									4	1	96	11	128	12					228	24
14					3	1	39	7	29	3	169	11	8	1	10	1			258	24
15	34	4	177	13	85	6									6	1			302	24
16					53	6	21	5	11	2	24	4	56	5	23	2			188	24
17											58	8	47	6	66	10			171	24
18							22	6	39	8	41	10							102	24
19							43	6	18	2	19	2	320	14					400	24
20													553	24					553	24
21											62	7	248	17					310	24
22											389	24							389	24
23							43	6	29	4	160	14							232	24
24									119	13	10	2	60	3	107	6			296	24
25											77	7	304	17					381	24
26											83	9	223	15					306	24
27									7	1	105	13	104	8	28	2			244	24
28											64	8	211	16					275	24
29	4	1	10	2					27	5	47	8	14	4	14	4			116	24
30			15	3	16	4	6	2	10	2	29	6	39	7					115	24
31									7	1	146	23							153	24
SUM,	80	17	202	18	157	17	174	32	419	52	4250	392	2630	185	279	31	0	0	8191	744
PERCENTAGE,	1	2	3	3	2	2	2	4	5	7	52	53	32	25	3	4	0	0	a	a
AVG. HOURLY VELOCITY,	4.7	a	11.2	a	9.2	a	5.4	a	8.1	a	10.8	a	14.2	a	9.0	a	0	a	11.0	a

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(13) # 3 cup anemometer up at 11:05 a.m. Correction applied up to 11:05 a.m.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, *1928*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a m, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri-State Bldg; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
Wednesday 1	68.0	29.180	.113	29.067	30.03	23.2	21.7	18	80	.093	29.8	23.2	W	17			0	8	cu	NW	Cloudy		C.L.H.	1
2	72.0	29.510	.125	29.385	30.36	12.5	11.7	10	84	.063	22.2	12.5	S	7			0	Few	a st	W	Clear		C.L.H.	2
3	74.0	29.430	.130	29.300	30.25	34.2	30.0	23	61	.118	34.2	31.8	S	9			0	4 6	cu st cu	SW SW	Cloudy		C.L.H.	3
4	75.0	29.341	.132	29.209	30.14	44.2	41.7	39	82	.237	44.2	39.1	SW	8			T	10	st cu	SW	Cloudy		C.L.H.	4
5	71.0	29.470	.122	29.348	30.30	31.3	30.8	30	95	.164	45.6	31.3	NE	12			.23	10	st cu	NE	Cloudy		C.L.H.	5
6	71.0	29.612	.122	29.490	30.46	21.4	20.9	19	93	.098	27.3	21.4	E	11			0	Few	st cu	N	Clear		C.S.	6
7	72.0	29.136	.124	29.012	29.96	41.2	40.2	39	92	.237	41.2	32.8	E	4			.02	10	st	E	Cloudy		C.S.	7
8	73.0	28.857	.124	28.733	29.65	41.3	40.6	40	94	.247	49.8	41.3	S	6			.09	10	st cu	S	Cloudy		C.S.	8
9	71.0	29.203	.121	29.082	30.03	30.1	29.0	27	88	.143	35.8	29.8	W	14			T	10	st cu	W	Lt. Snow		C.S.	9
10	72.5	29.347	.125	29.222	30.17	29.9	29.0	27	90	.143	29.9	25.8	SW	7			0	10	st cu	SW	Cloudy		C.S.	10
11	71.0	29.159	.121	29.038	29.99	32.8	31.7	30	89	.164	34.4	32.2	NW	8			T	10	a st	NW	Cloudy		C.S.	11
12	69.0	29.449	.117	29.332	30.29	24.9	23.7	21	85	.108	35.0	24.9	NE	3			0	0	0	0	Clear		C.S.	12
13	72.0	29.302	.124	29.178	30.13	29.2	28.0	26	87	.136	35.2	29.2	E	5			0	2 4	a st st	S E	Pt. Cloudy		C.L.H.	13
14	73.0	28.788	.124	28.664	29.59	41.1	40.1	39	92	.237	41.1	36.8	SE	10			.15	10	nb	SE	Lt. Rain		C.L.H.	14
15	69.0	29.000	.115	28.885	29.83	33.5	32.5	32	90	.180	39.9	33.5	W	12			.02	10	st	W	Cloudy		C.L.H.	15
16	71.0	29.022	.120	28.902	29.85	30.8	30.3	30	95	.164	35.0	30.8	W	6			T	10	st	W	Cloudy		C.L.H.	16
17	72.5	29.080	.124	28.956	29.91	29.4	28.0	26	84	.136	32.2	28.5	W	7			T	4 2	a st st	W W	Pt. Cldy		C.L.H.	17
18	74.0	28.770	.127	28.643	29.57	23.8	23.8	24	100	.124	33.2	22.8	N	18			.36	10	nb	N	Hy Snow		C.L.H.	18
19	70.0	29.330	.119	29.211	30.18	10.2	9.6	7	87	.054	16.1	5.1	SW	11			0	3	a st	S	Clear		C.L.H.	19
20	62.0	29.328	.098	29.230	30.19	12.9	11.0	4	64	.047	33.0	12.9	W	14	~~28 W~~		T	0	0	0	Clear		C.S.	20
21	68.0	29.626	.115	29.511	30.49	7.2	6.4	3	80	.044	15.0	7.2	SW	6			0	0	0	0	Clear		C.S.	21
22	75.5	29.318	.133	29.185	30.14	34.4	31.2	27	70	.143	34.4	25.8	S	10			T	10	st	S	Lt. Rain		C.S.	22
23	71.0	28.876	.120	28.756	29.70	36.7	36.7	37	100	.219	37.1	35.8	S	8			T	10	Dense Fog	S	Foggy		C.S.	23
24	73.0	29.393	.127	29.266	30.25	10.8	9.8	6	79	.052	23.2	9.3	SW	9			T	Few	st.	W	Clear		C.S.	24
25	73.0	29.599	.127	29.472	30.45	6.9	6.1	3	80	.044	16.2	6.9	E	4			T	10	st	E	Cloudy		C.S.	25
26	71.0	29.529	.122	29.407	30.39	5.8	5.2	3	85	.044	12.8	4.9	SW	9			0	Few	st	W	Clear		C.S.	26
27	64.0	29.240	.102	29.138	30.09	27.8	26.0	23	79	.118	29.8	27.8	SW	9	~~22 SW~~		0	8	st	NW	Cloudy		C.L.H.	27
28	72.0	29.270	.124	29.146	30.10	26.2	24.2	20	75	.103	33.8	26.2	S	7			0	3	a st	N	Clear		C.L.H.	28
29	73.0	29.040	.125	28.915	29.86	31.2	30.0	28	87	.150	39.9	31.0	SW	6			0	6	a st	N	Pt. Cldy		C.L.H.	29
30																								30
31																								31
Sums		(a)	(a)	844.683	872.35	764.9	729.9	661	2467	3810	(a)	(a)	(a)	257	(a)	(a)	0.87	180	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.127	30.081	26.4	25.2	22.8	85.1	.131	(a)	(a)	(c) SW	8.9	(a)	(a)	(a)	6.2	U a st L st	UW-S-W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.0	29.443	.125	29.318	30.28	22.2	18.9	10	55	.063	25.6	18.2	SW	8	22	S	T	0	0	0	Clear			CJS	1
2	71.5	29.461	.123	29.338	30.30	33.3	30.0	25	68	.130	34.6	12.5	S	7			T	10	stcu	SW	Cloudy			CJS	2
3	74.0	29.407	.130	29.277	30.23	42.9	38.9	34	70	.195	47.9	34.2	SW	8			0	0	0	0	Clear			CJS	3
4	75.0	29.318	.132	29.186	30.12	45.6	45.0	44	95	.287	48.2	44.2	SW	4			.20	10	nb	SW	Heavy Rain			CJS	4
5	73.0	29.622	.127	29.495	30.46	27.3	25.3	21	76	.108	35.2	27.3	NE	15			0	3	ast	NE	Clear			CLH.	5
6	74.0	29.410	.130	29.280	30.24	33.0	31.0	28	80	.150	40.4	21.4	E	12			0	10	ast	SW	Cloudy			CLH.	6
7	73.0	28.942	.125	28.817	29.74	49.8	48.8	48	93	.334	52.0	41.2	S	7			.01	10	st	SE	Cloudy			CLH.	7
8	75.0	28.932	.131	28.801	29.73	35.8	33.8	36	100	.211	42.0	35.8	W	14			.04	10	nb	W	Lt. Rain			CLH.	8
9	73.0	29.400	.127	29.273	30.23	29.8	28.3	26	84	.136	30.4	29.8	NW	8			T	6	st	NW	Pt. Cloudy			CLH.	9
10	74.0	29.220	.129	29.091	30.04	33.8	32.0	29	83	.157	34.1	29.9	SW	7			T	10	st	SW	Cloudy			CLH.	10
11	72.0	29.340	.124	29.216	30.16	35.0	32.0	28	73	.150	39.1	32.8	W	6			T	0	0	0	Clear			CLH.	11
12	71.0	29.403	.122	29.281	30.24	35.2	32.2	28	73	.150	39.6	24.6	E	5			0	0	0	0	Clear			CJS	12
13	72.0	29.101	.123	28.978	29.93	37.2	36.8	36	96	.211	43.0	29.2	SE	9			.08	10	stcu	SE	Lt. Rain			CJS	13
14	71.0	28.746	.119	28.627	29.55	39.9	39.0	38	93	.228	42.6	39.9	W	14			.63	10	st	W	Lt Rain			CJS	14
15	70.0	29.101	.118	28.983	29.93	35.0	33.8	32	89	.180	36.1	33.5	W	6			0	10	stcu	W	Cloudy			CJS	15
16	71.0	29.093	.120	28.973	29.92	32.2	27.0	16	48	.085	36.2	30.8	W	11			0	10	stcu	W	Cloudy			CJS	16
17	75.0	28.900	.131	28.769	29.71	33.2	31.7	29	85	.157	39.0	29.4	SE	7			.02	10	st	W	Lt. Snow			CLH.	17
18	73.0	29.314	.126	29.188	30.15	16.1	13.9	7	63	.054	23.8	16.1	W	10			.08	0	0	0	Clear			CJS	18
19	62.0	29.020	.097	28.923	29.88	32.0	29.5	26	74	.136	32.0	10.2	SW	24	~~28~~	~~SW~~	.01	10	st	SW	Cloudy			CLH.	19
20	68.0	29.482	.114	29.368	30.35	15.0	13.8	10	79	.063	20.0	12.6	W	7	~~24~~	~~W~~	T	0	0	0	Clear			CLH.	20
21	73.5	29.529	.129	29.400	30.38	25.8	21.9	12	52	.070	26.8	7.0	SE	4			0	3	cist	W	Clear			CJS	21
22	73.0	29.042	.125	28.917	29.87	36.2	34.8	33	88	.187	44.1	34.4	SE	6			.07	10	nb	SW	Lt. Rain			CLH.	22
23	74.0	29.140	.129	29.011	29.96	23.2	21.7	18	80	.093	38.2	23.2	NW	16			.04	10	st	NW	Cloudy	B 7:40 a E 9:30 a	B DNa E 7:40 a	CLH.	23
24	74.0	29.532	.130	29.402	30.38	16.2	15.2	12	83	.070	20.2	10.8	NW	7			T	6	st	W	Pt Cldy			CLH.	24
25	76.0	29.582	.135	29.447	30.43	12.8	11.4	7	73	.054	20.2	6.6	NW	8			T	3	st	NW	Clear			CLH.	25
26	67.0	29.322	.111	29.211	30.18	28.2	25.8	21	72	.108	30.9	5.8	SW	16	~~26~~	~~SW~~	0	0	0	0	Clear			CJS	26
27	74.0	29.328	.129	29.199	30.15	33.8	29.9	24	63	.124	38.2	27.8	W	4			0	2	cu	W	Clear			CJS	27
28	72.0	29.013	.123	28.890	29.84	39.9	36.1	31	70	.172	46.1	25.8	SW	12			0	2	ast	W	Clear			CJS	28
29	72.5	29.034	.124	28.910	29.86	32.2	29.8	26	75	.136	36.2	31.2	SW	8			0	3	cu	W	Clear			CJS	29
30																									30
31																									31
Sums	(a)	(a)	(a)	844.569	872.24	912.6	850.3	735	2233	[illegible]	(a)	(a)	(a)	270	(a)	(a)	1.18	168	(a)	(a)	(a)	1	1	(a)	(a)
Means	(a)	(a)	(a)	29.123	30.077	31.5	29.3	25.3	77.0	.145	(a)	(a)	(c) SW W	9.3	(a)	(a)	(a)	5.8	U ast L st	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1928

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Wednesday 1	30	17	13	1	24				S^D	7:50a	8:00a	S^D	9:25a	12:30p							T				0	T	0	T	1
2	35	12	23	0	24				S^D	4:30p	6:00p										T				0	T	T	T	2
3	48	32	16	16	40																0				0	0	0	0	3
4	48	38	10	3	43				R	DNa	DNa	R	3:40p	cont							.33				0	0	0	0	4
5	38	24	14	12	31				R	cont	DNa										.10				0	0	0	0	5
6	40	21	19	1	30																0				0	0	0	0	6
7	52	34	18	13	43				R	DNa	DNa	R	8:06a	9:30a	R	8:50p	11:45p				.06				0	0	0	0	7
8	49	32	17	3	40				R	DNa 7:15a	DNa 9:00a	R	1:30p	7:05p	S^M	7:05p	Cont				.10				0	0	0	T	8
9	32	27	5	10	30				S^M	Cont	DNa	S^D	6:50a	7:15a							T				0	T	T	T	9
10	34	26	8	0	30				S^D	1:25p	1:30p	R	11:15p	Cont							T				0	T	0	T	10
11	39	29	10	4	34				R	Cont	DNa	R	7:15a	7:30a							T				0	0	0	0	11
12	40	25	15	2	32																0				0	0	0	0	12
13	43	29	14	4	36				R	2:30p	cont										.13				0	0	0	0	13
14	43	36	7	4	40				R	cont	3:30p	R	6:30p	7:30p							.73				0	0	0	0	14
15	36	33	3	6	34				R	5:15a	6:40a	R	8:10p	8:20p							.02				0	0	0	0	15
16	36	30	6	1	33				R	DNa	DNa	S^D	4:30a	6:30a	S^D	7:20p	8:15p				T				0	T	0	T	16
17	39	28	11	1	34				S^D	2:13p	3:40p	S^W	4:50p	cont							.19				0	0.1	T	.19	17
18	30	12	18	13	21				S^W	Cont	9:45a										.27				0	5.8	5.4	.27	18
19	33	5	28	2	19				S^D	11:30a	1:20p	S^D	7:45p	8:50p							.01				0	0.1	5.4	.01	19
20	22	11	11	3	16				S^D	2:55p	4:00p										T				0	T	5.4	T	20
21	27	7	20	1	17																0				0	0	5.0	0	21
22	44	27	17	19	36				R^B	6:30a	7:30a	R	3:30p	8:30p							.07				0	0	4.0	0	22
23	38	16	22	9	27				R	DNa	6:30a	R	7:05a	9:30a	S^D	1:06p	4:12p	S^D	7:15p	8:00p	.04				0	1.0	2.8	.02	23
24	20	9	11	13	14				S^D	1:15p	3:02p	S^D	7:10p	7:30p							T				0	T	2.2	T	24
25	20	7	13	0	14				S^D	DNa	DNa	S^D	2:00p	3:00p							T				0	T	1.8	T	25
26	31	5	26	4	18																0				0	0	0.9	0	26
27	38	28	10	15	33																0				0	0	T	0	27
28	46	26	20	3	36																0				0	0	T	0	28
29	36	30	6	3	33				S^M	8:15p	10:10p										T				0	0	T	T	29
30																													30
31																													31
S	1067	656	411	166	862		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.05		Total excess or deficiency since Jan. 1,		0	7.0	(a)	(a)	(a)
M	36.8	22.6	14.2	5.7	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF February, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.127	29.123	29.125	29.520	21	28.510	14	1.010	30.081	30.077	30.079	30.50	18	29.43	14	1.07
Corrected mean		29.120						Corrected mean		30.074					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
26.4	31.5	29.0	25.2	29.3	27.2	36.8	22.6	29.7	52	7	5	26	47	28	19	3	15

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
22.8	25.3	24.0	85.1	77.0	81.0	.131	.145	.138	8	0	25	0

Clouds.

Most frequent clouds: Stratus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6704	9.6	SW	28	SW	19	1	3	6	5	8	16	14	5	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.2	5.8	6.6	48	5	9	15	0	4	8

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	2.5	23	23	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.05	0.78	13-14	—	—	—	—	—	—	10	12	10	3	0	22	14	4	7.0	T

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

Tipping bucket gage not in use

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
										None										

* The duration is the time precipitation was actually recorded.

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Prepared by _____, _____, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
							Extremes of pressure																		
14	3 pm	2 pm				28.510	29.43	41.0															Lowest		14
21	11 am	10 am				29.520	30.50	18.0															Highest		21

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											97	10	201	14					298	24
2									94	12	109	12							203	24
3									68	8	153	16							221	24
4			21	2							186	20	4	1	4	1			215	24
5			290	21	40	3													330	24
6			60	5	194	19													254	24
7					46	8	29	4	108	12									183	24
8									41	6	69	9	108	8	15	1			233	24
9													245	20	49	4			294	24
10									17	2	137	18	33	4					187	24
11											15	2	25	4	141	18			181	24
12			5	1	65	13	16	3							22	7			108	24
13					69	13	84	11											153	24
14							86	10	10	1	49	5	102	8					247	24
15											23	5	225	19					248	24
16									11	1	15	2	165	21					191	24
17					5	1	26	5	94	11	56	7							181	24
18	70	5	15	2	27	4					6	1	47	6	88	6			253	24
19											337	20	83	4					420	24
20											17	3	322	21					339	24
21							16	3	44	6	103	15							163	24
22							26	5	178	19									204	24
23									16	2	76	9	37	4	121	9			250	24
24	21	4									37	5	137	12	28	3			223	24
25			13	3	17	4	11	3	6	1	14	2	54	8	23	3			138	24
26											335	24							335	24
27											95	8	107	11	20	5			222	24
28									44	5	140 ~~112~~	11	22	6	3	2			209 ~~211~~	24
29											49	7	148	15	24	2			221	24
30																				
31																				
SUM,	91	9	404	34	463	65	294	44	731	86	2118	211	2065	186	538	61			6704	696
PERCENTAGE,	1	1	6	5	7	10	4	6	11	12	32	30	31	27	8	9	0	0	a	a
AVG. HOURLY VELOCITY,	10.1	a	11.9	a	7.1	a	6.7	a	8.5	a	10.0	a	11.1	a	8.8	a	0	a	9.6	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of March, *1928*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -0.17; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri State Bldg; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1928

Number of Station barometer, 656; sum of corrections, -.007 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	29.230	.121	29.109	30.06	23.8	19.3	6	42	.052	32.2	22.0	NW	10			T	6	cu	NW	Pt. Cloudy		CLH	1
2	72.0	29.228	.124	29.104	30.05	25.0	23.0	19	75	.098	32.2	24.1	SW	11			.01	4	cu	W	Pt. Cloudy		CLH	2
3	72.0	29.370	.124	29.246	30.21	19.5	18.1	14	78	.077	33.0	19.5	W	6			.01	Few	a st	W	Clear		CLH	3
4	74.0	28.978	.128	28.850	29.80	35.2	32.2	28	73	.150	35.2	28.1	SW	20			0	10	st	SW	Cloudy		CLH	4
5	73.5	29.471	.129	29.342	30.31	18.1	15.9	9	65	.060	22.0	17.2	NW	10			0	8	cu	NW	Cloudy		CJS	5
6	75.0	29.643	.134	29.509	30.48	19.6	17.2	11	64	.066	21.8	17.4	S	4			0	2 / 1	ci / a cu	W / W	Clear		CJS	6
7	77.0	29.322	.137	29.185	30.12	38.8	35.2	30	71	.164	39.1	32.8	W	13			T	8	cu	NW	Cloudy		CJS	7
8	75.0	29.579	.133	29.446	30.41	24.8	23.1	20	78	.103	33.2	24.1	E	6			0	10	a st	W	Cloudy		CJS	8
9	73.5	28.823	.126	28.697	29.63	34.3	34.3	34	100	.195	42.0	31.1	N	3			.26	10 / 10	st / Lt Fog	N	Lt. Rain		CJS	9
10	73.0	29.374	.126	29.248	30.20	24.8	22.9	19	75	.098	32.1	23.2	E	6			0	10	st	E	Cloudy		CJS	10
11	71.0	29.061	.120	28.941	29.89	30.0	29.2	27	91	.143	32.1	29.2	NE	3			0	10	a st	W	Cloudy		CJS	11
12	73.0	29.000	.125	28.875	29.82	34.0	34.0	34	100	.195	45.2	34.0	SE	4			T	10	Dense Fog	SE	Foggy		CLH	12
13	74.0	28.834	.127	28.707	29.62	55.1	54.6	54	97	.417	59.8	53.8	S	8			.19	10	nb	S	Heavy Rain		CLH	13
14	73.0	29.232	.126	29.106	30.06	35.0	32.0	28	73	.150	36.2	32.5	SW	6			0	8	a cu	W	Cloudy		CLH	14
15	75.0	29.436	.133	29.303	30.25	28.7	27.0	24	81	.124	39.2	28.7	NW	6			0	8	ci st	NW	Cloudy		CLH	15
16	75.0	29.250	.132	29.118	30.07	26.4	24.9	22	82	.113	36.1	26.4	NE	15			0	10	st cu	NE	Cloudy		CLH	16
17	76.0	29.234	.134	29.100	30.05	24.2	23.0	20	85	.103	31.0	23.5	NE	6			0	2	a st	NE	Clear		CLH	17
18	74.0	29.090	.128	28.962	29.91	25.1	22.8	18	71	.093	31.2	25.1	NW	8			0	6	a st	N	Pt. Cloudy		CLH	18
19	72.5	29.086	.124	28.962	29.91	29.9	27.8	24	77	.124	30.8	26.0	SW	8			0	10	st cu	W	Cloudy		CJS	19
20	73.0	29.139	.126	29.013	29.96	30.8	28.4	24	75	.124	30.8	28.4	W	3			0	4	a cu	W	Pt. Cloudy		CJS	20
21	73.5	29.318	.128	29.190	30.13	31.8	29.3	26	74	.136	37.2	29.2	W	8			0	0	0	0	Clear		CJS	21
22	72.0	28.926	.123	28.803	29.72	45.8	41.8	37	72	.219	47.0	41.2	W	10			0	8	ci st	NW	Cloudy		CJS	22
23	73.0	29.214	.126	29.088	30.03	40.6	38.6	36	84	.211	50.2	35.2	SE	4			0	0	0	0	Clear		CJS	23
24	74.0	28.935	.128	28.807	29.72	53.1	48.3	44	72	.287	66.6	51.9	SW	12			0	10	a st	SW	Cloudy		CJS	24
25	73.0	28.829	.124	28.705	29.62	52.1	51.7	51	98	.373	58.2	49.9	SW	8			0	10	st	SW	Cloudy		CJS	25
26	73.0	28.632	.124	28.508	29.42	57.4	56.9	56	97	.448	57.4	53.2	S	10			0	10	st	S	Cloudy		CLH	26
27	72.0	29.087	.123	28.964	29.91	25.0	22.5	17	69	.089	31.2	23.9	NW	12			T	2 / Few	a st / cu	W / W	Clear		CLH	27
28	75.0	29.208	.132	29.076	30.03	26.8	23.7	17	64	.089	30.8	24.3	SW	5			0	10	st cu	SW	Cloudy		CLH	28
29	73.0	29.087	.125	28.962	29.91	31.3	29.8	27	84	.143	35.9	31.3	NE	20			T	10	st cu	NE	Cloudy		CLH	29
30	72.0	28.798	.122	28.676	29.62	27.8	27.8	28	100	.150	31.2	27.8	N	10			0.30	10	nb	N	Lt. Snow		CLH	30
31	72.0	29.242	.124	29.118	30.07	27.2	25.4	22	78	.113	29.8	24.5	W	6			0	0	0	0	Clear		CLH	31
Sums		(a)	(a)	899.720	928.99	1012.0	940.7	826	2445	4.907	(a)	(a)	(a)	261	(a)	(a)	0.77	207	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.023	29.967	32.6	30.3	26.6	78.9	.158	(a)	(a)	(c)	8.4	(a)	(a)	(a)	6.7	U a st / L cu st	U NW / L SW, NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1928

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	69.0	29.213	.116	29.097	30.06	30.9	28.7	26	77	.136	34.9	22.0	SW	15			T	6	cu	W	Pt. Cloudy			CJS	1
2	73.0	29.208	.126	29.082	30.03	33.0	31.4	29	84	.157	42.8	25.0	W	8			T	10	st	W	Lt. Snow			CLH	2
3	74.5	29.314	.130	29.184	30.14	32.1	27.1	17	50	.089	34.7	19.5	SW	5			0	2	scu	W	Clear			CJS	3
4	71.0	29.230	.121	29.109	30.06	22.0	19.5	13	65	.074	41.2	22.0	NW	12			T	0	0	0	Clear			CLH	4
5	74.0	29.542	.130	29.412	30.38	21.8	18.8	11	59	.066	24.4	16.8	NW	7			T	0	0	0	Clear			CLH	5
6	76.0	29.464	.135	29.329	30.29	35.8	30.0	21	49	.103	37.6	19.6	S	9			0	10	cu	W	Cloudy			CJS	6
7	76.5	29.560	.137	29.423	30.38	33.2	28.5	20	55	.103	40.8	33.2	NW	6			0	0	0	0	Clear			CLH	7
8	75.0	29.218	.132	29.086	30.04	42.0	37.0	30	62	.164	45.8	24.8	E	6			0	10	stcu	W	Cloudy			CLH	8
9	72.0	29.239	.124	29.115	30.07	32.1	30.6	28	85	.150	38.0	32.1	NW	10			T	10	st	NW	Cloudy	B DNa E 8:30a		CLH	9
10	73.0	29.212	.126	29.086	30.04	32.1	29.9	27	77	.143	32.8	23.2	SE	4			0	10	st	SE	Cloudy			CJS	10
11	73.0	28.921	.125	28.796	29.73	45.2	41.3	36	72	.211	49.9	30.0	W	4			0	10	stcu	W	Cloudy			CJS	11
12	74.0	28.949	.128	28.821	29.74	59.8	54.1	49	70	.347	66.2	34.0	SE	7			0	7 3	ci st stcu	W W	Cloudy	B 8:30a E 10:15a	B DNa E 8:30a	CJS	12
13	71.0	29.063	.120	28.943	29.87	36.2	34.0	31	81	.172	55.9	36.2	W	18			.20	10	stcu	W	Cloudy			CJS	13
14	73.5	29.299	.128	29.171	30.11	39.2	34.8	28	65	.150	42.8	35.0	W	6			0	10	cu	W	Cloudy			CJS	14
15	72.0	29.337	.124	29.213	30.16	36.1	32.6	27	69	.143	40.8	28.7	N	5			0	10	ast	W	Cloudy			CJS	15
16	74.5	29.228	.130	29.098	30.05	31.0	28.0	23	69	.118	31.4	26.4	NE	5			0	10	st	NE	Cloudy			CLH	16
17	75.0	29.140	.131	29.009	29.96	31.2	29.0	26	77	.136	31.8	24.2	NE	7			0	8	stcu	NE	Cloudy			CLH	17
18	69.0	29.108	.115	28.993	29.94	30.8	28.3	24	74	.124	36.8	25.1	W	10			T	10	st	W	Lt. Snow			CLH	18
19	76.0	29.083	.133	28.950	29.90	36.8	32.0	25	59	.130	40.3	29.9	NW	7			T	6	stcu	NW	Pt. Cloudy			CLH	19
20	74.0	29.201	.129	29.072	30.02	37.2	31.0	21	48	.108	42.6	30.8	NW	12			0	0	0	0	Clear			CLH	20
21	74.0	29.210	.129	29.081	30.02	47.0	40.5	32	57	.180	52.9	31.8	SW	12			0	2	acu	W	Clear			CLH	21
22	73.0	29.130	.126	29.004	29.93	50.2	45.0	40	67	.247	60.8	45.8	NW	10			0	few	st	W	Clear			CLH	22
23	75.0	29.000	.131	28.869	29.79	66.6	55.1	46	48	.310	71.0	40.6	S	8			0	0	0	0	Clear			CLH	23
24	74.0	28.880	.128	28.752	29.66	58.2	54.0	51	76	.373	69.8	53.1	SW	8			0	6	stcu	W	Pt. Cloudy			CLH	24
25	74.0	28.749	.127	28.622	29.53	57.3	56.1	55	93	.432	65.9	52.1	SW	6			.24	5	ci	SW	Pt. Cloudy			CJS	25
26	68.0	28.576	.111	28.465	29.38	31.2	29.8	28	85	.150	65.7	31.2	W	28			.16	10	stcu	W	Cloudy			CJS	26
27	75.0	29.146	.132	29.014	29.96	30.8	26.4	18	54	.093	35.8	25.0	NW	8			0	1 1	ci cu	NW NW	Clear			CJS	27
28	75.0	29.086	.131	28.955	29.90	35.9	30.2	20	50	.103	38.8	26.8	NE	10			0	10	stcu	NE	Cloudy			CJS	28
29	73.5	28.993	.127	28.866	29.82	30.4	30.4	30	100	.164	34.1	30.4	NE	14			0.06	10	sn	NE	Hy. Rain			CJS	29
30	75.0	29.176	.132	29.044	29.99	29.8	28.3	26	84	.136	30.8	27.8	W	8			0.04	2 2	cu stcu	W W	Pt. Cloudy			CLH	30
31	72.0	29.208	.124	29.084	30.03	43.1	36.9	28	55	.150	45.4	27.2	SW	4			0	10	stcu	W	Cloudy			EJS	31
Sums	(a)	(a)	(a)	899.745	928.98	1179.0	1059.3	885	2116	5.162	(a)	(a)	(a)	279	(a)	(a)	0.70	201	(a)	(a)	(a)	2	1	(a)	(a)
Means	(a)	(a)	(a)	29.024	29.967	38.0	34.2	28.5	68.3	.167	(a)	(a)	(c)	9.0	(a)	(a)	(a)	6.5	U cu st st L st cu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1928

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Thursday	35	22	13	5	28				S^M	5:30p	6:00p	S^M	7:30p	8:11p										.01				0	T	T	.01	1
2	43	24	19	6	34				S^M	1:05p	1:30p	S^M	4:50p	10:00p										.01				0	0.4	T	.01	2
3	35	20	15	6	28																			0				0	0.1	T	0	3
4	41	19	22	2	30				R	9:30a	9:35a	S^D	12:35p	2:15p										T				0	T	T	T	4
5	24	17	7	10	20				S^D	6:49a	6:58a	S^D	7:25a	7:43a	S^D	9:45a	10:15a							T				0	T	0	T	5
6	38	17	21	8	28																			0				0	0	0	0	6
7	41	30	11	8	36				R	DNa	DNa													T				0	0	0	0	7
8	46	24	22	1	35				R	8:20p	8:50p	Sleet	8:50p	9:15p	R	9:15p	Cont							10				0	0	0	0	8
9	38	30	8	1	34				R	Cont.	8:15a													16				T	0	0	0	9
10	33	23	10	6	28																			0				0	0	0	0	10
11	50	29	21	12	40				R	2:59p	3:05p													T				0	0	0	0	11
12	66	34	32	10	50				R	DNa	DNa	R	6:55p	8:36p										.04				0	0	0	0	12
13	56	32	24	6	44				R	DNa	DNa	R	4:40a	5:25a	R	6:38a	7:40a	R	9:07a	12:45p				.35				0	0	0	0	13
14	43	32	11	6	38																			0				0	0	0	0	14
15	41	29	12	3	35																			0				0	0	0	0	15
16	31	26	5	7	28																			0				0	0	0	0	16
17	32	24	8	0	28																			0				0	0	0	0	17
18	37	25	12	3	31				S^D	4:03p	4:15p	S^D	5:20p	8:40p										T				0	T	T	T	18
19	40	26	14	2	33				S^D	9:15a	9:21a	S^D	11:59a	12:05p	S^D	2:07p	2:40p	S^D	3:20p	3:30p				T				0	T	0	T	19
20	43	30	13	3	36																			0				0	0	0	0	20
21	53	29	24	5	41																			0				0	0	0	0	21
22	61	41	20	10	51																			0				0	0	0	0	22
23	71	35	36	2	53																			0				0	0	0	0	23
24	70	52	18	8	61																			0				0	0	0	0	24
25	66	50	16	3	58				R	1:50p	3:40p													.24				0	0	0	0	25
26	66	25	41	11	46				S^D	8:10p	9:20p																					
									R	12:03p	12:35p	R	12:50p	1:25p	H+R	1:25p	1:30p	R	1:30p	2:05p				.16				T	0	0	T	26
27	36	24	12	1	30				S^D	DNa	DNa													T				0	T	0	T	27
28	39	24	15	2	32																			0				0	0	0	0	28
29	35	30	5	0	32				S^D	DNa	DNa	R	12:16p	12:34p	R	3:40p	cont							.18				0	T	0	T	29
30	31	25	6	4	28				R	cont	6:40a	S^D	6:40a	3:30p										.22				0	1.8	1.0	.04	30
31	45	24	21	6	34				R	8:20p	8:30p													T				0	0	0	0	31
S	1386	872	514	173	1130		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)				1.47		Total excess or deficiency since Jan. 1,		T	2.3	(a)	(a)	(a)
M	44.7	28.1	16.6	5.5	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF March, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.023	29.024	29.024	29.520	6	28.210	26	1.310	29.967	29.967	29.967	30.49	6	29.10	26	1.39
Corrected mean		29.019						Corrected mean		29.962					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
32.6	38.0	35.3	30.3	34.2	32.2	44.7	28.1	36.4	71	23	17	5	54	41	26	5	29

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
26.6	28.5	27.6	78.9	68.3	73.6	.158	.167	.162	4	0	24	0

CLOUDS.

Most frequent clouds: st. cu.

Most frequent direction upper clouds: W

Most frequent direction lower clouds: W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7396	9.9	W	35	W	26	3	8	3	4	5	13	13	13	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.7	6.5	6.7	56	7	7	17	0	2	8

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	13, 25, 29	2, 26	15		7, 12	12	0	0	0	0	26	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.47	.40	25-26	0	—	—	0	—	—	8	10	8	1	0	18	10	3	2.3	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						None														

* The duration is the time precipitation was actually recorded.

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Prepared by C. J. Saltsman

C. J. Saltsman, Ast. Observer, Weather Bureau.
Temporarily in charge

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1925

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extremes of pressure															
6	9:00 am	8:00 am				29.520	30.~~50~~ 49	~~12.0~~ 22.0															Highest		6
26	5:00 PM	4:00 PM				28.210	29.10	64.0															Lowest		26

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											68	5	132	12	89	7			289	24
2											114	8	180	13	21	3			315	24
3									29	3	28	4	126	13	27	4			210	24
4									21	2	135	8	37	3	167	11			360	24
5													114	13	93	11			207	24
6							36	6	126	14			7	3	2	1			171	24
7	6	2									90	6	86	6	98	10			280	24
8			43	7	125	15	15	2											183	24
9	13	3	15	3	41	4							104	6	108	8			281	24
10	3	1	14	2	54	9	58	11							5	1			134	24
11					8	2	9	1	46	6	36	6	30	8	3	1			132	24
12					3	1	67	10	60	8	18	5							148	24
13							50	4	77	6	13	1	187	13					327	24
14													238	23	7	1			245	24
15	42	6	14	1									31	6	85	11			172	24
16	70	10	184	14															254	24
17	25	5	151	19															176	24
18	87	10											38	4	118	10			243	24
19											21	3	133	13	71	8			225	24
20													109	19	46	5			155	24
21											143	8	97	16					240	24
22											90	6	57	4	~~178~~ 175	14			322	24
23	9	3			9	3	3	1	141	15	19	2							181	24
24											291	24							291	24
25							7	1	97	12	88	11							192	24
26									126	11	73	5	155	6	39	2			393	24
27													90	9	207	15			297	24
28			58	6	30	4	9	2	9	2	45	8	8	2					159	24
29			367	24															367	24
30	37	4	31	4							20	3	35	4	131	9			254	24
31							3	1	2	1	79	11	109	11					193	24
SUM,	292	44	877	80	270	38	257	39	734	80	1371	124	2103	207	1492	132	0	0	7395	744
PERCENTAGE,	4	6	12	11	4	5	3	5	10	11	19	16	28	28	20	18	0	0	a	a
AVG. HOURLY VELOCITY,	6.6	a	11.0	a	7.1	a	6.6	a	9.2	a	11.1	a	10.2	a	11.3	a	0	a	9.9	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, *192* 8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry streets, room 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.180	.124	29.056	30.00	38.8	36.0	32	77	.180	43.1	34.8	SW	4			T	6	a st	N	Pt. Cloudy		CLH.	1
2	72.0	29.367	.124	29.243	30.18	34.2	34.2	34	100	.195	46.8	33.1	E	6			0	10 / 10	Lt. Fog / st	E	Cloudy		CLH.	2
3	72.5	29.167	.125	29.042	29.96	62.6	54.1	48	58	.334	64.0	61.1	SW	18			0	4 / 3	a st / cu	W / W	Pt Cloudy		CLH.	3
4	72.0	29.258	.124	29.134	30.05	62.8	53.3	46	53	.310	67.0	58.8	S	18			0	4	cu	S	Pt. Cloudy		CLH	4
5	71.0	29.122	.120	29.002	29.92	61.1	54.0	49	64	.347	63.8	59.3	S	16			.09	10	st cu	SW	Cloudy		CLH.	5
6	74.0	28.943	.128	28.815	29.72	62.9	55.4	50	62	.360	67.9	60.1	S	16			0	10	st cu	SW	Cloudy		CLH.	6
7	76.0	28.694	.132	28.562	29.47	55.3	54.8	54	97	.417	65.4	55.3	S	10			.55	10	st	S	Lt Rain		CLH.	7
8	69.5	29.076	.116	28.960	29.91	28.9	26.6	23	74	.118	35.8	27.9	W	12			.04	Few / 3	ci st / cu	W / W	Clear		CLH.	8
9	68.0	29.407	.114	29.293	30.25	25.3	23.8	21	81	.108	30.8	24.8	W	12			0	1 / 3	ci / cu	W / W	Pt. Cloudy		CLH.	9
10	72.0	29.361	.124	29.237	30.19	29.8	28.8	27	89	.143	34.1	26.8	NE	1			0	0	0	0	Clear		CLH.	10
11	73.5	28.989	.127	28.862	29.81	31.2	29.9	28	86	.150	41.2	28.8	NE	8			0	7	ci	SW	Pt. Cloudy		CLH.	11
12	71.0	28.813	.119	28.694	29.61	41.8	37.3	32	66	.180	50.1	38.9	SW	10			0	10	st	SW	Cloudy		CLH.	12
13	72.5	29.261	.125	29.136	30.08	42.4	37.0	30	60	.164	51.5	36.3	W	2			0	5	ci	W	Pt Cloudy		CLH.	13
14	73.0	28.624	.127	28.497	29.42	47.9	46.0	44	88	.287	49.6	43.0	SW	14			.16	10	st cu	SW	Cloudy		CLH.	14
15	75.0	29.380	.133	29.247	30.20	27.2	24.0	17	63	.089	28.9	25.0	NW	12			T	4	cu	NW	Pt. Cloudy		CLH.	15
16	75.0	29.470	.133	29.337	30.30	28.8	26.8	24	78	.124	36.2	28.1	E	3			0	3 / 5	a st / st	NE / E	Cloudy		CLH.	16
17	74.0	29.378	.130	29.248	30.20	36.4	34.4	31	82	.172	46.1	36.2	N	6			T	10	st cu	N	Cloudy		CLH.	17
18	74.0	29.264	.129	29.135	30.08	38.1	34.9	31	74	.172	48.2	34.8	SE	8			0	0	0	0	Clear		CLH.	18
19	70.0	28.970	.118	28.852	29.78	40.0	37.0	33	76	.187	66.2	40.0	W	14			.01	6 / 4	cu / st cu	W / W	Cloudy		CLH.	19
20	76.0	29.450	.135	29.315	30.26	29.8	27.0	22	70	.113	37.2	28.4	NE	8			0	9	st cu	E	Cloudy		CLH.	20
21	75.0	29.158	.132	29.026	29.97	35.6	33.6	31	82	.172	48.0	35.6	E	12			.03	10	nb	E	Lt. Rain		CLH.	21
22	started at 7:00 a m 73.0	29.074	.125	28.949	29.89	37.4	37.0	37	96	.219	41.4	37.4	NE	10			T	10	st	NE	Cloudy		CLH.	22 started at 7:00 a m
23	72.5	29.023	.124	28.899	29.84	39.2	37.2	34	84	.195	42.2	37.7	NW	2			0	2 / Few	ci st / ci	W / W	Clear		CLH.	23
24	74.0	28.966	.128	28.838	29.76	41.4	37.8	33	73	.187	48.6	39.8	W	11			.01	Few	cu	W	Clear		CLH.	24
25	72.5	29.256	.125	29.131	30.07	36.6	32.4	26	64	.136	39.0	31.6	SW	5			0	2	ci st	W	Clear		CLH.	25
26	73.0	29.467	.125	29.342	30.29	34.1	31.9	29	79	.157	40.1	29.9	N	6			0	3	ci	NW	Clear		CLH.	26
27	73.0	29.359	.126	29.233	30.17	32.8	31.0	28	82	.150	44.9	29.7	N	7			T	2 / 1	ci st / a cu	NW / NW	Clear		CLH.	27
28	75.0	29.156	.132	29.024	29.96	36.4	31.3	23	56	.118	45.9	31.6	N	9			0	1	ci st	NW	Clear		CLH.	28
29	73.0	28.964	.125	28.839	29.76	44.8	37.3	27	48	.143	53.8	40.8	SW	9			0	2	a st	W	Clear		CLH.	29
30	72.5	28.813	.133	28.690	29.60	53.9	46.4	39	57	.237	63.0	50.6	W	12			0.5	5	a st	W	Pt. Cloudy		CLH.	30
31																								31
Sums		(a)	(a)	870.638	897.70	1217.5	1111.2	983	2219	5864	(a)	(a)	(a)	281	(a)	(a)	0.94	175	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.021	29.957	40.6	37.0	32.8	74.0	.195	(a)	(a)	(c) SW W	9.4	(a)	(a)	(a)	5.8	U a st a st cu L Cu	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

29.021 29.957

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.0	29.272	.124	29.148	30.08	46.8	43.0	39	74	.237	58.8	38.8	NE	8			T	Few	ast	NW	Clear			E.L.H.	1
2	73.5	29.135	.128	29.007	29.94	63.1	55.4	50	61	.360	64.9	34.2	SE	12			0	10	ast	W	Cloudy	B.D.N.B. E.8:30		E.J.	2
3	75.0	29.272	.132	29.140	30.06	67.0	59.5	55	65	.432	74.4	62.6	S	11			0	3	cu	W	Clear			E.L.H.	3
4	73.0	29.173	.126	29.047	29.97	63.8	56.4	51	63	.373	71.7	62.8	W	10			T	10	stcu	W	Lt. Rain			E.J.	4
5	73.0	29.027	.125	28.902	29.81	67.9	59.8	55	62	.432	70.6	56.9	SE	10			.06	3 7	cist st	SW SW	Cloudy			E.J.	5
6	74.0	28.786	.127	28.659	29.56	65.4	58.8	54	68	.417	71.4	62.7	S	16			T	10	stcu	SW	Cloudy			E.J.	6
7	72.0	28.782	.122	28.660	29.58	35.8	32.3	27	69	.143	56.0	35.8	SW	24			.04	10	st	SW	Lt. Snow			E.L.H.	7
8	68.5	29.298	.115	29.183	30.13	30.8	29.6	28	87	.150	34.6	28.9	W	14			.01	2 8	ast stcu	W W	Cloudy			E.J.	8
9	71.5	29.373	.122	29.251	30.20	34.1	28.2	17	45	.089	36.0	25.3	W	6			T	7	stcu	W	Pt. Cloudy			E.J.	9
10	74.0	29.172	.129	29.043	29.99	41.2	34.8	25	51	.130	44.7	29.8	E	6			0	0	0	0	Clear			E.J.	10
11	74.0	28.834	.127	28.707	29.64	50.1	42.4	33	52	.187	57.8	31.2	E	8			0	10	cist	SW	Cloudy			E.J.	11
12	75.5	29.023	.132	28.891	29.82	51.5	42.0	30	44	.164	57.0	41.8	W	12			T	Few	st	W	Clear			E.L.H.	12
13	76.0	29.060	.133	28.927	29.86	44.8	43.3	42	89	.266	55.0	42.4	SE	5			.09	10	nb	SE	Lt. Rain			E.L.H.	13
14	73.0	29.120	.125	28.995	29.94	28.6	27.1	25	83	.130	48.2	28.6	W	15			.01	9	stcu	W	Cloudy			E.L.H.	14
15	80.5	29.394	.147	29.247	30.20	36.2	30.7	21	52	.108	37.2	27.2	NW	4			0	1	cu	NW	Clear			E.L.H.	15
16	77.0	29.315	.137	29.178	30.12	46.1	38.9	29	52	.157	47.9	28.8	SE	4			0	3 7	acu stcu	SW S	Cloudy			E.J.	16
17	78.0	29.356	.140	29.216	30.16	48.2	39.0	26	41	.136	50.8	36.0	NE	3			0	Few	ci	W	Clear			E.J.	17
18	76.0	28.754	.132	28.622	29.53	63.1	53.9	47	55	.322	67.8	38.1	SE	8			0	10	stcu	SW	Cloudy			E.J.	18
19	77.0	29.274	.137	29.137	30.08	37.2	32.8	26	63	.136	46.1	37.2	NW	10			0	7	cist	W	Pt. Cloudy			E.J.	19
20	78.0	29.321	.140	29.181	30.12	48.0	39.2	27	43	.143	50.3	29.8	E	9			0	3 5	cu ast	E E	Cloudy			E.L.H.	20
21	73.5	29.043	.127	28.916	29.86	41.1	39.8	38	90	.228	41.1	34.8	NE	12			.85	10	stcu	NE	Cloudy			E.J.	21
22	72.0	29.038	.123	28.915	29.85	42.2	40.1	38	84	.228	44.2	37.4	N	4			T	10	stcu	NE	Cloudy			E.J.	22
23	76.5	28.976	.134	28.842	29.76	48.6	40.6	31	49	.172	58.5	39.2	NW	15			0	3 3	ast stcu	NW NW	Cloudy			E.L.H.	23
24	74.0	29.060	.128	28.932	29.87	39.0	34.5	28	64	.150	51.0	39.0	W	12			0	2	stcu	NW	Clear			E.L.H.	24
25	72.0	29.395	.125	29.270	30.22	40.1	34.1	25	53	.130	44.9	36.6	NW	7			0	Few	cu	W	Clear			E.J.	25
26	75.5	29.411	.134	29.277	30.23	44.9	39.4	32	61	.180	50.8	34.1	NW	6			T	10	st	NW	Lt. Rain			E.L.H.	26
27	77.0	29.234	.137	29.097	30.04	45.9	37.0	24	40	.124	47.8	32.8	N	9			0	8	stcu	N	Cloudy			E.L.H.	27
28	77.0	28.984	.136	28.848	29.78	53.8	40.1	19	25	.098	59.0	36.4	NW	10			0	Few	ast	W	Clear			E.L.H.	28
29	75.0	28.682	.129	28.553	29.46	63.0	52.5	43	49	.277	66.1	44.8	SW	14			T	6 2	cu stcu	W W	Cloudy			E.L.H.	29
30	73.0	28.930	.125	28.805	29.71	59.2	47.0	33	38	.187	63.1	53.9	W	8			T	4	stcu	W	Pt. Cloudy			E.L.H.	30
31																									31
Sums		(a)	(a)	869.596	897.57	1447.5	1252.7	1018	1772	6.286	(a)	(a)	(a)	292	(a)	(a)	1.06	195	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	28.987	29.919	48.2	41.7	33.9	59.1	.210	(a)	(a)	(c) W	9.7	(a)	(a)	(a)	6.5	U2 St L5 Cu	UW LW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1928

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Sunday 1	59	35	24	13	47				R	10:50a	10:55a										T				0	0	0	0	1
2	65	33	32	2	49																0				0	0	0	0	2
3	74	61	13	19	68																0				0	0	0	0	3
4	72	59	13	2	66				R	3:50p	7:40p	R	8:30p	Cont							.09				0	0	0	0	4
5	71	57	14	2	64				R	Cont	DNa	R	8:20a	10:20a	R	10:50a	11:00	R	12:10p	12:50p	.06				0	0	0	0	5
6	71	58	13	0	64				R	4:02p	4:09p	R	6:15p	6:20p	R	7:40p	cont				.40				0	0	0	0	6
7	58	32	26	19	45				R R S^D	2:22p Cont 12:45p	2:33p 7:35a 1:15p	R R S^D	3:02p 10:53a 1:55p	3:20p 11:15a 2:20p	S^D R S^D	6:56 12:20p 2:30p	Cont 12:45p 4:15p	R	1:05p	1:20p	.21				0	0	0	.0.2	7
8	35	27	8	14	31				S^D	Cont	6:38a	S^D	9:55a	10:00a	S^D	10:20a	11:00a	S^D	12:03p	12:25p	.03				0	0.5	T	.03	8
9	36	25	11	1	30				S^D	9:18a	10:31a										T				0	T	0	T	9
10	45	27	18	6	36																0				0	0	0	0	10
11	58	29	29	8	44																0				0	0	0	0	11
12	57	39	18	4	48				R	6:58a	7:01a										T				0	0	0	0	12
13	55	36	19	2	46				R S^D	4:42p 7:20p	cont 8:10p										.22				0	0	0	0	13
14	50	28	22	7	39				R	cont	DNa	R	8:57a	9:35a	R	9:56a	10:02a	S^D	11:51a	5:45p	.04				0	T	T	T	14
15	37	25	12	8	31																0				0	T	0	0	15
16	48	28	20	7	38				R	8:30p	8:40p										T				0	0	0	0	16
17	51	26	15	6	44																0				0	0	0	0	17
18	68	35	33	8	52				R	7:35	7:40p	R	10:15p	10:50p							.01				0	0	0	0	18
19	58	31	27	8	44																0				0	0	0	0	19
20	50	28	22	5	39																0				0	0	0	0	20
21	41	35	6	1	38				R	4:50a	5:30a	R	6:00a	2:04p	R	9:15p	9:30p				.88				0	0	0	0	21
22	44	37	7	2	40				R	2:16p	2:25p										T				0	0	0	0	22
23	58	38	20	8	48																0				0	0	0	0	23
24	51	35	16	5	43				R	DNa	DNa										.01				0	0	0	0	24
25	45	32	13	5	38																0				0	0	0	0	25
26	51	30	21	2	40				R	6:28p	8:50p										T				0	0	0	0	26
27	48	30	18	1	39																0				0	0	0	0	27
28	59	32	27	7	46																0				0	0	0	0	28
29	66	41	25	8	54				R	12:45p	1:18p	R	10:00p	DNp							.05				0	0	0	0	29
30	63	51	12	3	57				R	11:42a	12:45p	R	2:51p	2:59p							T				0	0	0	0	30
31																													31
S	1644	1090	554	183	1368		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.00		Total excess or deficiency since Jan. 1,		0	0.5	(a)	(a)	(a)
M	54.8	36.3	18.5	6.1	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF April, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.021	28.987	29.004	29.360	26	28.480	14	0.880	29.957	29.919	29.938	30.31	26	29.40	14	0.91
Corrected mean		28.999						Corrected mean		29.933					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
40.6	48.2	44.4	37.0	41.7	39.4	54.8	36.3	45.6	74	3	25	9	49	33	18	6	21

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
32.8	33.9	33.4	74.0	59.1	66.6	.195	.210	.202	0	0	14	0

Clouds.

Most frequent clouds: Strato-cumulus.

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7587	10.5	W	32	SW	14	6	7	6	6	6	8	13	8	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8	6.5	6.2	55	6	14	10	2	2	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
16, 20, 25	17, 18, 26, 27	28.	0	0	0	22, 27	20	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount	Greatest Amount in 24 Consecutive Hours. Amt.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total Depth. (o)	Average Depth at End of Month.
2.00	0.88	21	—	—	—	—	—	—	7	11	8	2	0	18	4	2	0.5	0

(w) Maximum precipitation in 5 minutes 0.06, date 4th; 10 minutes 0.07, date 4th; 15 minutes 0.08, date 4th

30 minutes 0.13, date 6th; 1 hour 0.21, date 6th; 2 hours 0.35, date 21th.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

Eule L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
18	3:30pm	2:30pm	76.0	28.900	.133	28.767	29.69	67.8	53.0	40	28	36	67.8	SE	9			0	6	ast	S	Pt. Cldy.	Barometer fell .14 in two hours	CLH.	18
21	12 Noon	11.00am	76.0	28.918	.133	28.785	29.72	37.8	37.8	38	0	100	37.8	NE	23	25	NE	.53	10	nb	NE	Hy Rain	Barometer fell .14 in two hours	CLH	21
30	4 pm	3:00 pm	74.0	28.912	.128	28.784	29.69	56.0	47.0	38	18	50	63.1	NW	14	28	NW	T	10 / 8	cu / st cu	W / W	Cloudy	Barometer fell .04	CLH.	30

Extremes of pressure

14	10 am	(9 am) 9 am				28.480	29.40	48.0															Lowest		14
26	10 am	9 am				29.360	30.31	41.0															Heighest		26

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	9	1	45	6	26	4	9	3	9	3	22	3	31	4					151	24
2					41	8	129	12	55	4									225	24
3									76	6	301	18							377	24
4									270	19	106	5							376	24
5							19	2	288	20	22	2							329	24
6							64	5	235	16	55	3							354	24
7									94	10	255	14							349	24
8											47	3	345	21					392	24
9											12	4	208	20					220	24
10					112	17					1	1	7	4			0	2	120	24
11			109	14	48	10													157	24
12									26	5	32	4	212	15					270	24
13			10	2	50	6	74	9			5	1	26	6					165	24
14					4	1	4	1	14	2	209	10	154	8	27	2			412	24
15	60	11	4	1									11	1	117	11			192	24
16					22	7	30	6	28	4	44	7							129	24
17	39	6	54	8	31	6	11	2			12	2							147	24
18							135	16	51	4	85	4							271	24
19	35	5									53	3	225	12	56	4			369	24
20	37	6	67	8	91	10													195	24
21	81	6	168	13	65	5													314	24
22	72	13	102	11															174	24
23	4	2									17	3	47	6	85	13			153	24
24											30	4	198	15	84	5			312	24
25											20	4	~~124~~	~~12~~	~~75~~	~~8~~			219	24
26	29	5	4	1							4	1	10	2	103	15			150	24
27	120	13	67	5											34	6			221	24
28	60	7											37	5	154	12			251	24
29									117	8	154	14	12	2					283	24
30											125	12	185	12					310	24
31																				
SUM,	546	75	630	69	490	74	475	56	1263	101	1616	122	1832 ~~1826~~	145 ~~144~~	735 ~~741~~	76 ~~77~~	0	2	7587	720
PERCENTAGE,	7	10	8	10	7	10	6	8	17	14	21	17	24	20	10	11	0	0	a	a
AVG. HOURLY VELOCITY,	7.3	a	9.1	a	6.6	a	8.5	a	12.5	a	13.2	a	12.6 ~~12.7~~	a	9.7 ~~9.6~~	a	0	a	10.5	a

8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *192* 8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry streets, room 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1928

Number of Station barometer, 65.6; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.5	29.041	.129	28.912	29.83	47.7	44.8	42	80	.266	59.2	45.7	W	8			0	10	st cu	NW	Cloudy		E.J.S.	1
2	74.5	29.304	.129	29.175	30.10	57.8	46.1	33	38	.187	60.1	48.8	SW	2			0	0	0	0	Clear		E.J.S.	2
3	75.5	29.324	.133	29.191	30.11	60.4	50.8	42	51	.266	74.8	56.9	S	8			0	10	st cu	W	Cloudy		E.J.S.	3
4	78.0	29.229	.139	29.090	30.00	65.4	54.8	46	50	.310	79.0	59.6	S	9			0	8	ci	W	Cloudy		E.J.S.	4
5	78.0	29.267	.140	29.127	30.06	45.6	43.2	41	83	.256	63.9	43.3	NW	14			.20	10	st cu	NW	Cloudy		E.J.S.	5
6	77.0	29.523	.138	29.385	30.32	46.1	43.2	40	80	.247	58.2	43.1	NE	9			0	6	cu	N	Pt Cloudy		E.J.S.	6
7	78.0	29.586	.141	29.445	30.40	40.1	36.4	32	70	.180	54.8	34.9	NE	11			0	2	ci	NE	Clear		E.J.S.	7
8	74.0	29.341	.129	29.212	30.14	45.4	39.6	32	60	.180	54.0	38.3	E	6			0	3	ci	NE	Clear		E.J.S.	8
9	74.5	29.114	.129	28.985	29.90	55.1	43.9	30	38	.164	65.0	50.1	S	5			0	4	a st	SW	Pt. Cloudy		E.J.S.	9
10	75.5	29.038	.132	28.906	29.82	64.2	52.8	43	46	.277	75.8	57.1	SW	12			0	1 2	a cu ci	SW SW	Clear		E.J.S.	10
11	77.5	29.174	.138	29.036	29.96	53.9	47.2	40	61	.247	68.0	51.9	NW	6			0.21	4 4	a cu a st	W W	Cloudy		E.J.S.	11
12	74.0	29.591	.130	29.461	30.40	41.4	35.2	26	57	.136	53.8	35.1	N	8			0	0	0	0	Clear		E.J.S.	12
13	73.0	29.630	.128	29.502	30.44	48.0	40.0	30	48	.164	55.6	40.0	E	4			0	0	0	0	Clear		E.L.H.	13
14	72.0	29.619	.125	29.494	30.43	49.9	40.1	27	40	.143	60.2	42.3	E	7			0	Few	ci cu	W	Clear		E.J.S.	14
15	72.0	29.406	.125	29.281	30.21	51.2	44.3	36	58	.211	65.2	45.9	E	3			0	10	a st	E	Cloudy		E.J.S.	15
16	74.0	29.291	.129	29.162	30.08	61.9	58.9	57	84	.465	66.1	58.9	SE	9			.14	10	st cu	SW	Cloudy		E.J.S.	16
17	72.0	29.131	.124	29.007	29.93	64.6	61.2	59	83	.499	65.2	60.8	SW	10			T	7 5	st cu cu	W W	Cloudy		E.J.S.	17
18	74.0	29.131	.129	29.002	29.91	65.3	63.3	62	90	.555	70.0	60.2	SW	8			3.02	5	ci st	W	Pt. Cloudy		E.J.S.	18
19	75.0	29.017	.131	28.886	29.80	63.9	61.1	59	86	.499	70.2	60.1	SW	9			.08	1 2	ci st ci	SW SW	Clear		E.J.S.	19
20	74.0	29.051	.128	28.923	29.84	54.9	54.8	55	99	.432	65.2	53.3	NW	5			0	10 10	st Fog	NW	Cloudy		E.J.S.	20
21	76.0	29.054	.133	28.921	29.83	64.2	59.2	56	75	.448	73.8	58.6	NW	1			0	10	a st	W	Cloudy		E.J.S.	21
22	76.0	29.091	.133	28.958	29.88	64.1	56.9	52	65	.387	68.4	57.9	NE	5			0	4	a st	NW	Pt. Cloudy		E.J.S.	22
23	76.5	29.218	.135	29.083	30.00	56.2	50.8	46	69	.310	72.6	52.2	NE	11			0	0	0	0	Clear		E.J.S.	23
24	75.0	29.237	.132	29.105	30.04	48.4	43.9	39	70	.237	60.0	46.6	SW	6			0	2 2	a cu cu	NW NW	Pt. Cloudy		E.J.S.	24
25	72.0	28.931	.133	28.798	29.71	51.1	49.3	48	88	.334	64.1	48.0	NE	10			.28	10	st cu	NE	Cloudy		E.J.S.	25
26	71.5	28.916	.121	28.795	29.71	51.1	46.5	42	71	.266	59.0	43.6	NW	6			0	2	ci cu	NW	Clear		E.J.S.	26
27	71.0	28.872	.119	28.753	29.66	50.9	44.1	36	58	.211	57.2	42.7	E	6			0	Few	cu.	E	Clear		E.J.S.	27
28	71.0	28.846	.119	28.727	29.64	51.0	48.3	46	83	.310	57.4	46.8	NW	7			0	Few 6	ci cu	NW NW	Pt. Cloudy		E.J.S.	28
29	70.0	28.946	.118	28.828	29.74	55.8	49.9	45	65	.298	59.4	49.9	SW	9			0	2 6	a st. cu	W W	Cloudy		E.J.S.	29
30	70.0	29.012	.118	28.894	29.81	50.8	47.9	45	82	.298	62.2	50.8	NE	9			.04	10	st cu	NE	Cloudy		E.J.S.	30
31	70.5	29.224	.120	29.104	30.03	51.9	47.9	44	75	.287	62.0	44.2	N	3			0	3	ci	NW	Clear		E.J.S.	31
Sums		(a)	(a)	901.148	929.73	1678.3	1506.4	1331	2107	9.070	(a)	(a)	(a)	226	(a)	(a)	3.97	170	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.069	29.991	54.1	48.6	42.9	67.9	.293	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	5.5	U ci L stu	UW LW	NW		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.151	.129	29.022	29.95	60.1	46.9	32	34	.180	63.9	47.7	NW	8			0	Few	cu	NW	Clear			CJ.	1
2	77.0	29.250	.137	29.113	30.03	74.8	57.3	44	33	.287	80.0	57.8	SW	4			0	3	a st	W	Clear			CLH.	2
3	79.0	29.240	.142	29.098	30.01	79.0	60.5	47	33	.322	86.6	60.4	S	6			0	2	ci	W	Clear			CLH.	3
4	79.0	29.150	.142	29.008	29.93	63.9	62.9	62	95	.555	83.0	63.9	SW	8			.23	10	nb	W	Hy. Rain			CLH.	4
5	78.0	29.412	.141	29.271	30.21	58.2	49.2	40	52	.247	63.2	45.6	NW	5			0	1	cirst	NW	Clear			CLH.	5
6	78.0	29.519	.141	29.378	30.32	54.8	44.8	34	44	.195	60.9	46.1	N	9			0	Few 1	ci cu	N NE	Clear			CJ.	6
7	77.0	29.436	.138	29.298	30.24	54.0	46.5	39	57	.237	58.2	40.1	NE	6			0	Few	a st	W	Clear			CLH.	7
8	75.5	29.128	.133	28.995	29.93	65.0	48.2	29	25	.157	68.1	45.4	NE	2			0	6	a cu	W	Pt. Cloudy			CLH.	8
9	77.0	29.000	.136	28.864	29.77	75.8	56.8	41	29	.256	80.2	55.1	S	4			0	0	0	0	Clear			CLH.	9
10	78.0	29.091	.139	28.952	29.86	68.0	63.0	60	76	.517	88.6	64.2	SW	6			.03	10	nb	NW	Hy. Rain			CLH.	10
11	77.0	29.350	.137	29.213	30.14	53.8	43.0	29	39	.157	64.2	53.8	NW	12			0	3	a st	NW	Clear			CLH.	11
12	76.0	29.530	.135	29.395	30.34	55.6	43.1	27	33	.143	59.0	41.4	N	5			0	0	0	0	Clear			CLH.	12
13	75.0	29.570	.133	29.437	30.38	60.2	45.0	26	26	.136	64.0	48.0	E	5			0	4	a st	N	Pt. Cloudy			CLH.	13
14	73.5	29.450	.129	29.321	30.25	65.2	50.0	34	31	.195	69.4	49.9	E	4			0	8	a st	NE	Cloudy			CLH.	14
15	74.0	29.332	.129	29.203	30.12	66.1	62.0	60	80	.517	73.9	51.2	SW	10			T	10	st	SW	Lt. Rain			CLH.	15
16	73.5	29.158	.128	29.030	29.95	65.2	62.2	60	85	.517	67.0	61.9	SE	6			.09	10	st cu	SW	Cloudy	4:30 P 5:30 P.E		CLH.	16
17	75.0	29.100	.131	28.969	29.89	70.0	65.2	62	78	.555	76.7	64.6	SW	10			.04	2 4	a cu cu	E W	Pt. Cloudy			CLH.	17
18	76.0	29.040	.133	28.907	29.82	70.2	66.2	64	81	.595	75.0	65.3	S	6			.04	6	cu	SW	Pt. Cloudy			CLH.	18
19	75.5	28.965	.132	28.833	29.73	65.2	61.2	59	80	.499	74.3	63.9	NW	9			T	2 6	a st a cu	NW NW	Cloudy			CJ.	19
20	77.0	29.007	.136	28.871	29.78	73.8	60.1	51	45	.373	76.7	54.9	NE	2			0	2 Few	ci st cu	W W	Clear	E.N.T. 7 45 am.		CJ.	20
21	77.0	29.034	.136	28.898	29.81	68.4	60.1	55	62	.432	80.0	64.2	NE	6			0	2 4	a st cu	SW NE	Pt. Cloudy			CLH.	21
22	79.0	29.084	.141	28.943	29.85	72.6	58.1	47	41	.322	78.0	64.1	NE	4			0	1	a st	W	Clear			CLH.	22
23	78.0	29.240	.139	29.101	30.02	60.0	49.0	38	44	.228	67.1	56.2	NE	10			0	1	a st	N	Clear			CLH.	23
24	74.0	28.970	.124	28.842	29.75	61.0	55.0	51	68	.373	62.8	48.4	SW	6			.01	6 2	st cu st	NW NW	Cloudy			CLH.	24
25	73.5	28.908	.127	28.781	29.69	59.0	50.5	43	55	.277	65.5	51.1	NW	12			0	Few 2	ci st cu	W NW	Clear			CLH.	25
26	72.5	28.861	.123	28.738	29.65	57.2	46.7	35	44	.203	64.9	51.1	NW	6			0	Few 2	ci cu	N NW	Clear			CJ.	26
27	72.0	28.834	.122	28.712	29.62	57.4	51.0	46	64	.310	67.1	50.9	SW	12			T	5	cu	SW	Pt. Cloudy			CJ.	27
28	72.5	28.964	.124	28.840	29.75	59.4	49.4	39	48	.237	62.8	51.0	NW	7			0	2	st	SW	Clear			CLH.	28
29	71.5	28.944	.121	28.823	29.73	62.2	51.1	41	46	.256	64.0	55.8	W	4			T	2 3	a cu st cu	W W	Pt Cldy			E.L.H.	29
30	76.0	29.070	.133	28.937	29.86	62.0	51.0	41	46	.256	67.6	50.8	N	12			.01	Few	cu	W	Clear			E.L.H.	30
31	74.0	29.124	.128	28.996	29.92	69.8	55.0	42	38	.266	74.2	51.9	SW	6			0	Few	a st	NW	Clear			E.L.H.	31
Sums		(a)	(a)	899.789	928.30	1987.9	1671.0	1378	1612	9.800	(a)	(a)	(a)	212	(a)	(a)	0.45	124	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.025	29.945	64.1	53.9	44.5	52.0	.316	(a)	(a)	(c) SW	6.8	(a)	(a)	(a)	4.0	U a. st. L Cu.	U W L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1928

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ⅄p.m. to ⅄p.m. *‡‡ In.	Snow unmelted. ⅄p.m. to ⅄p.m. *‡‡ In.	Hail, sleet, and snow on ground at ⅄p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Tuesday 1	64	46	18	2	55																0			0	0	0	0	0	1
2	80	49	31	9	64																0				0	0	0	0	2
3	87	57	30	8	72																0				0	0	0	0	3
4	83	60	23	0	72				R	4:30p	4:54p	R	5:40p	Cont.							.35				0	0	0	0	4
5	63	43	20	19	53				R	Cont	DNa										.08				0	0	0	0	5
6	61	43	18	1	52																0				0	0	0	0	6
7	58	35	23	6	46																0				0	0	0	0	7
8	68	38	30	7	53																0				0	0	0	0	8
9	80	50	30	12	65																0				0	0	0	0	9
10	89	57	32	8	73				R	4:15p	4:45p	R	6:20p	DNp							.24				0	0	0	0	10
11	64	42	22	20	53																0				0	0	0	0	11
12	59	35	24	6	47																0				0	0	0	0	12
13	64	40	24	5	52																0				0	0	0	0	13
14	69	42	27	4	56																0				0	0	0	0	14
15	74	46	28	4	60				R	6:25p	Cont										.05				0	0	0	0	15
16	67	59	8	3	63				R	Cont	DNa	R	12:15p	1:10p	R	2:48p	5:20p				.18				0	0	0	0	16
17	77	60	17	5	68				R	DNa	DNa	R	10:59a	11:30a	R	12:00	12:03p	R	7:59p	11:45p	3.04				0	0	0	0	17
18	75	63	12	1	69				R	DNa	DNa	R	10:58a	11:49a	R	8:40p	9:30p				.06				0	0	0	0	18
19	74	58	16	3	66				R	DNa	DNa	R	12:00N	12:20p	R	3:18p	3:30p	R	4:00p	4:15p	.08				0	0	0	0	19
20	77	53	24	1	65																0				0	0	0	0	20
21	80	59	21	5	70																0				0	0	0	0	21
22	78	58	20	2	68																0				0	0	0	0	22
23	67	50	17	10	58																0				0	0	0	0	23
24	64	47	17	2	56				R	11:40a	12:35p	R	2:51p	3:30p	R	6:35p	6:55p	R	10:02p	DNp	.29				0	0	0	0	24
25	66	48	18	1	57				R	DNa	DNa										T				0	0	0	0	25
26	65	44	21	3	54																0				0	0	0	0	26
27	67	43	24	1	55				R	3:05p	3:13p										T				0	0	0	0	27
28	63	47	16	0	55																0				0	0	0	0	28
29	64	50	14	2	57				R R	DNp 7:08a	9:00p 7:20a	R	9:18a	9:20a	R	10:09a	10:15a	R	11:15a	1:35p	T				0	0	0	0	29
30	68	51	17	3	60				R	DNa	DNa	R	12:30p	1:05p							.05				0	0	0	0	30
31	74	44	30	1	59																0				0	0	0	0	31
S	2189	1517	672	154	1853		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.42		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	70.6	48.9	21.7	5.0	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF May, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.069	29.025	29.047	29.510	13	28.680	25	0.830	29.991	29.945	29.968	30.45	13	29.59	25	0.86
Corrected mean		29.042						Corrected mean		29.963					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
54.1	64.1	59.1	48.6	53.9	51.2	70.6	48.9	59.8	89	10	35	7	54	32	10	8	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
42.9	44.5	43.7	67.9	52.0	60.0	.293	.316	.304	0	0	0	0

Clouds.

Most frequent clouds: Cumulus.

Most frequent direction upper clouds: West.

Most frequent direction lower clouds: West.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5699	7.7	SW	26	SW	4	5	12	7	2	6	15	2	13	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.5	4.0	5.0	70	7	19	5	0	7	3

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 ~~30~~ miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
8, 6, 12, 13,	7,	0	4, 10, 17, 18, 21, 24, 30,	0	25	0	16, 20	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.42	3.06	17-18	3.06 ~~2.59~~	5:03	17-18	.83 ~~2.44~~	1:45	17	3	10	10	3	1	13	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.29, date 17th; 10 minutes 0.45, date 17th; 15 minutes 0.59, date 17th.

30 minutes 1.09, date 17th; 1 hour 1.89, date 17th; 2 hours 2.94, date 17th

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
17	7:59P	11:45P	3.00	8:52P	10:~~52~~ 45P	.04	.18	.26	.38	.65	.75	.85	1.05	1.20	1.38	1.53	1.89	2.17	2.53	2.94

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

Esle L. Hardy, Meteorologist Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of pressure																	
13	10 00 am	10 00 am				29.510	30.45	~~54~~ 44															Highest		13
25	2 45 am	1 45 a.m.				28.680	29.59	52															Lowest		25

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											4	1	136	15	98	8			238	24
2									59	8	82	16							141	24
3									142	14	115	10							257	24
4									66	8	218	15	13	1		—			297	24
5	4	2	3	2									28	2	225	18			260	24
6	112	13	79	11															191	24
7			208	19	29	5													237	24
8	11	3	46	11	25	10													82	24
9					9	5	4	1	30	5	71	11	13	2					127	24
10											160	17	28	3	42	4			230	24
11	24	3											23	4	239	17			286	24
12	120	18	11	1											43	5			174	24
13	22	6	79	10	44	8													145	24
14					128	21	18	3											146	24
15			26	5	11	3			18	5	52	8	19	3					126	24
16					18	4	71	11	105	9									194	24
17									21	2	211	19	30	3					262	24
18									22	3	148	19	13	2					183	24
19									7	1	105	11	50	5	55	7			217	24
20	41	7	10	3							3	1	34	6	30	7			118	24
21	28	8	30	6			3	1			24	7	2	1	3	1			90	24
22	93	14	73	10															166	24
23	15	3	193	20	3	1													211	24
24			11	1	8	2	15	6			142	15							176	24
25	31	3	109	12			4	1			5	1			61	7			210	24
26	19	3													178	21			197	24
27	7	2	18	4	36	6	4	1	8	2	41	8			3	1			117	24
28	73	7							3	1	7	1	32	6	57	9			172	24
29											147	15	44	9					191	24
30	32	5	19	4	7	1			16	3	7	3	12	3	61	5			154	24
31	~~15~~ ~~11~~	~~6~~ ~~5~~									19	4	~~47~~ ~~37~~	~~9~~ ~~10~~	23	5			104	24
SUM,	647 ~~645~~	103 ~~102~~	915	119	318	66	119	24	497	61	1561	182	524 ~~528~~	74 ~~75~~	1118	115	0	0	5699	744
PERCENTAGE,	11	14	16	16	6	9	2	3	9	8	27	25	9	10	20	15	0	0	a	a
AVG. HOURLY VELOCITY,	6.3	a	7.7	a	4.8	a	5.0	a	8.1	a	8.6	a	7.1 ~~7.0~~	a	9.7	a	0	a	7.7	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, *192* 8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -0.12; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a.m. May 20, 19 11

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.043	.123	28.920	29.83	61.2	53.0	45	58	.298	69.8	54.8	S	6			0	10	st cu	S	Cloudy		CLH	1
2	72.0	29.014	.123	28.891	29.80	53.9	49.1	45	71	.298	71.9	52.2	NW	13			0	Few 3	a cu cu	W NW	Clear		CLH	2
3	72.0	29.214	.124	29.090	30.02	49.8	44.8	40	68	.247	54.8	45.0	E	6			0	8	a st	W	Cloudy		CLH	3
4	69.5	29.102	.116	28.986	29.92	47.8	47.8	48	100	.334	61.8	47.8	NE	12			0.34	10	nb	SW	Lt. Rain		CLH	4
5	68.0	28.972	.112	28.860	29.79	51.8	51.3	51	97	.373	52.7	51.2	E	6			0.15	10	nb	E	Lt. Rain		CLH	5
6	68.0	28.788	.112	28.676	29.59	52.7	50.8	49	89	.347	62.9	52.7	W	15			0.03	10	st	W	Cloudy		CLH	6
7	69.5	29.088	.116	28.972	29.90	53.9	48.9	44	70	.287	53.9	48.9	NW	9			0.06	5 2 8	a st st cu	NW S	Pt. Cloudy		CLH	7
8	71.0	28.978	.120	28.858	29.77	62.0	57.0	54	74	.417	70.1	60.0	S	14			0	2	st	S	Cloudy		CLH	8
9	71.0	28.876	.120	28.756	29.66	62.8	60.5	59	88	.499	64.1	60.6	W	5			T	4 4	cu st cu	W N	Cloudy		CLH	9
10	70.0	29.321	.119	29.202	30.13	50.8	47.1	43	77	.277	55.7	42.9	NW	3			0	3 3 Few	a cu st cu	W NW	Cloudy		CLH	10
11	71.0	29.286	.121	29.165	30.08	59.8	52.0	45	59	.298	64.1	51.6	S	4			0	Few	a st	W	Clear		CLH	11
12	72.5	29.180	.125	29.055	29.98	60.2	58.2	57	89	.465	67.9	53.8	SE	3			0	8	cu	W	Cloudy		CLH	12
13	76.0	29.984	.133	28.851	29.74	69.0	65.0	63	81	.575	79.1	69.0	S	12			T	2 3 4	a st cu st cu	S S	Cloudy		CLH	13
14	77.0	29.208	.137	29.071	29.98	64.0	59.0	56	75	.448	75.1	60.4	NW	6			T	4	ci st	NE	Pt Cloudy		CLH	14
15	77.0	29.450	.138	29.312	30.24	55.0	50.0	46	71	.310	71.4	50.0	E	12			0	2	a st	NE	Clear		CLH	15
16	75.5	29.369	.133	29.236	30.16	56.9	50.9	46	66	.310	65.2	47.0	E	12			0	Few	a st	W	Clear		CLH	16
17	75.5	29.122	.132	28.990	29.91	59.8	55.0	51	74	.373	71.1	51.0	E	4			0	3	a st	N	Clear		CLH	17
18	76.0	28.900	.133	28.767	29.67	69.0	67.8	68	94	.684	72.0	67.0	SW	11			0.11	4 6	cu st cu	SW SW	Cloudy		CLH	18
19	77.0	29.030	.136	28.894	29.80	63.1	63.1	63	100	.575	78.2	63.1	S	4			T	10	nb	SW	Lt. Rain		CLH	19
20	76.0	29.050	.133	28.917	29.83	68.0	66.0	65	90	.616	72.4	63.8	SW	8			0.03	10	st	SW	Cloudy		CLH	20
21	77.0	29.050	.136	28.914	29.82	68.0	66.5	66	93	.638	75.8	66.6	W	4			0.02	10	st	W	Cloudy		CLH	21
22	77.0	29.082	.136	28.946	29.86	64.8	63.8	63	95	.575	70.4	62.2	W	4			T	8	a st	W	Cloudy		CLH	22
23	78.0	28.890	.138	28.752	29.64	67.2	65.7	65	92	.616	78.9	64.0	SW	11			0.30	10	st cu	SW	Cloudy		CLH	23
24	76.0	28.938	.133	28.805	29.70	62.9	60.1	58	85	.482	66.4	57.7	SW	6			T	1/2	ci st	W	Clear		CLH	24
25	75.0	28.832	.139	28.702	29.60	60.2	58.2	57	89	.465	70.3	59.8	SW	9			T	10	st cu	SW	Cloudy		CLH	25
26	71.0	28.980	.120	28.860	29.78	55.1	54.6	54	97	.417	56.2	54.0	SW	6			T	10	st	SW	Lt. Rain		CLH	26
27	70.5	29.200	.120	29.080	30.00	57.0	54.0	52	83	.387	59.8	50.8	SW	10			T	2	a cu	W	Clear		CLH	27
28	72.0	29.180	.123	29.057	29.98	64.8	57.4	52	64	.387	67.2	58.0	S	6			0	2 7	a cu a st	SW SW	Cloudy		CLH	28
29	73.0	28.828	.124	28.704	29.60	65.0	64.0	63	95	.575	67.1	61.8	NW	10			0.33	8	cu	NW	Cloudy		CLH	29
30	72.0	29.200	.124	29.076	30.00	58.0	56.0	55	89	.432	61.4	54.8	NW	8			0	1	cu	NW	Clear		CLH	30
31																								31
Sums		(a)	(a)	868.365	895.78	1794.5	1697.6	1623	2473	13005	(a)	(a)	(a)	239	(a)	(a)	1.37	210	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.946	29.859	59.5	56.6	54.1	82.4	.434	(a)	(a)	(c) SW	8.0	(a)	(a)	(a)	7.0	U a st L cu	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	28.874	.127	28.747	29.65	71.9	57.1	45	39	.298	73.8	61.2	NW	9			T	6 Few	ci cu	W W	Pt. Cloudy			C.J.S.	1
2	73.0	29.130	.126	29.004	29.93	54.8	44.8	34	44	.195	58.2	52.9	N	12			0	5	ci st	N	Pt Cloudy			C.L.H.	2
3	71.0	29.184	.121	29.063	29.99	61.8	51.0	41	47	.256	64.0	49.8	E	8			0	10	st	E	Cloudy			C.L.H.	3
4	70.0	29.025	.118	28.907	29.84	52.7	51.0	49	90	.347	53.8	47.8	NE	13			0.45	10	st cu	NE	Sprinkling			C.J.S.	4
5	69.0	28.784	.114	28.670	29.58	62.9	62.1	61	96	.536	62.9	51.8	SE	6			0.73	10	st cu	S	Cloudy			C.J.S.	5
6	70.0	28.890	.118	28.772	29.68	53.1	52.6	52	97	.387	53.9	52.0	N	12			0.13	10	nb	N	Lt. Rain			C.L.H.	6
7	71.0	29.091	.120	28.971	29.89	70.1	55.1	42	37	.266	73.8	53.9	SW	3			0	3 5	ci ci st	W W	Cloudy			C.J.S.	7
8	72.0	28.874	.122	28.752	29.65	64.1	61.1	59	85	.499	64.8	55.7	W	4			0.26	4 Few 3	a st cu st cu	NW NW	Pt Cloudy			C.J.S.	8
9	72.0	29.112	.123	28.988	29.91	55.7	49.9	45	67	.298	68.6	55.7	NW	9			0	1 3	ci st cu st cu	W NW	Pt Cloudy			C.J.S.	9
10	72.0	29.266	.124	29.142	30.07	64.1	52.0	41	43	.256	68.9	50.8	W	3			0	3	ci	W	Clear			C.J.S.	10
11	73.5	29.199	.128	29.071	29.99	67.9	58.8	53	58	.402	71.4	59.8	E	4			0	3 3	ci st	W W	Pt Cloudy			C.J.S.	11
12	76.5	29.038	.134	28.904	29.81	79.1	70.6	67	66	.661	83.1	60.2	SW	12			0	4 2	ci cu	W SW	Pt Cloudy			C.J.S.	12
13	78.5	29.030	.140	28.890	29.80	75.1	67.5	[illegible]	[illegible]	[illegible]	78.8	69.0	SW	12			0	1 2 6	a st st cu	S NW SW	Cloudy			C.L.H.	13
14	79.0	29.252	.142	29.110	30.02	71.4	61.2	55	56	.432	80.0	64.0	N	11			0	2	cu	NW	Clear			C.J.S.	14
15	78.0	29.384	.140	29.244	30.16	65.2	53.1	43	44	.277	68.1	55.0	E	8			0	3 Few	ci a cu	SW E	Clear			C.J.S.	15
16	76.5	29.198	.135	29.063	29.98	71.1	59.0	51	49	.373	74.9	56.9	E	6			0	4 Few	ci ci cu	SW SW	Pt Cloudy			C.J.S.	16
17	77.0	29.000	.136	28.864	29.77	72.0	66.3	64	74	.595	80.0	59.8	SE	10			0.02	4 4	a st cu	NE SE	Cloudy			C.L.H.	17
18	78.0	28.932	.138	28.794	29.68	78.2	70.9	68	70	.684	80.8	66.3	W	6			0.14	2 3 Few	cu a st ci	W W W	Pt. Cloudy			C.J.S.	18
19	77.0	29.084	.136	28.948	29.86	72.4	68.8	67	84	.661	78.7	61.2	S	14			0.54	10	st cu	SW	Threatening			C.J.S.	19
20	77.0	29.000	.136	28.864	29.77	75.8	70.0	67	75	.661	77.9	68.0	NE	2			0.01	5 5	a st cu	N W	Cloudy			C.L.H.	20
21	77.5	29.043	.137	28.906	29.82	70.4	67.1	66	84	.638	80.6	68.0	SW	5			0	1 3	ci a st st cu	NW W W	Cloudy			C.J.S.	21
22	80.0	28.938	.144	28.794	29.69	78.9	71.2	68	69	.684	83.6	64.8	S	9			0	10	st cu	SW	Cloudy			C.J.S.	22
23	77.0	28.933	.136	28.797	29.70	66.4	61.9	59	78	.499	70.0	65.8	W	8			0	10	st cu	W	Cloudy			C.J.S.	23
24	77.0	28.827	.135	28.692	29.59	70.3	64.1	61	71	.536	74.1	62.9	S	5			T	3 ½ 2	a st st cu cu	SW SW	Cloudy			C.J.S.	24
25	72.0	28.920	.123	28.797	29.71	56.2	54.0	53	87	.402	61.6	55.6	W	8			.01	10	st cu	W	Cloudy			C.J.S.	25
26	72.5	29.081	.124	28.957	29.89	59.8	55.8	53	78	.402	60.9	55.1	W	5			T	10	st	W	Cloudy			C.J.S.	26
27	73.0	29.182	.126	29.056	29.98	67.2	61.8	58	74	.482	76.8	57.0	N	4			0	5 2	cu st cu	W N	Pt Cloudy		B 12 midnight E 4:00 a.m.	C.L.H.	27
28	73.0	28.934	.125	28.809	29.71	66.1	65.6	65	97	.616	72.8	63.4	W	1			.13	10	nb	S	Lt. Rain			C.J.S.	28
29	73.0	28.997	.125	28.872	29.78	61.4	58.9	57	86	.465	72.8	61.2	NW	10			.06	10	st	NW	Cloudy			C.J.S.	29
30	75.0	29.196	.132	29.064	29.97	78.2	66.2	59	53	.499	80.8	58.0	W	3			0	4 2	ci ci st	W W	Pt Cloudy			C.J.S.	30
31																									31
Sums		(a)	(a)	867.512	894.87	2014.3	1809.5	1667	2066	1390.2	(a)	(a)	(a)	222	(a)	(a)	2.48	225	(a)	(a)	(a)	0	1	(a)	(a)
Means		(a)	(a)	28.917	29.829	67.1	60.3	55.6	68.9	46.3	(a)	(a)	(c) W	7.4	(a)	(a)	(a)	7.5	U Ci L St cu	UW LW	NW (a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1928

Date.	Temperature. Maximum. (b) °	Minimum. (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡ In.	Snow unmelted. Zp.m. to Zp.m. *‡‡ In.	Hail, sleet, and snow on ground at Zp.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Friday 1	74	55	19	5	64				R	7:51a	7:55a										T				0	0	0	0	1
2	58	46	12	12	52																0				0	0	0	0	2
3	64	45	19	2	54				R	9:15a	Cont										T				0	0	0	0	3
4	54	48	6	3	51				R	Cont	5:30p	R	6:30p	9:30p							.79				0	0	0	0	4
5	63	51	12	6	57				R	DNa	10:10a	R	2:00p	2:16p	R	3:15p	4:30p	R	7:15p	7:25p	.88				0	0	0	0	5
6	62	52	10	0	57				R	DNa	DNa	R	7:49a	8:30a	R	10:50a	DNp				0.22				0	0	0	0	6
7	74	49	25	5	62																0				0	0	0	0	7
8	65	56	9	2	60				R	7:01a	2:30p										0.26				0	0	0	0	8
9	69	49	20	1	59				R	DNa	DNa										T				0	0	0	0	9
10	69	43	26	3	56																0				0	0	0	0	10
11	71	52	19	6	62																0				0	0	0	0	11
12	83	54	29	6	68																0				0	0	0	0	12
13	79	64	15	4	72				R	5:40a	6:10a	R	7:55p	8:05p							T				0	0	0	0	13
14	80	58	22	3	69																0				0	0	0	0	14
15	68	50	18	10	59																0				0	0	0	0	15
16	75	47	28	2	61																0				0	0	0	0	16
17	80	51	29	5	66				R	1:10p	1:15p	R	2:10p	3:30p							.02				0	0	0	0	17
18	81	66	15	8	74				R	DNa	6:20a	R	9:01a	10:54a	R	11:43a	11:50a	R	12:04p	12:40p	.25				0	0	0	0	18
19	79	61	18	4	70				R	6:36a	8:50a	R	6:00p	6:03p	R	7:20p	9:10p				.57				0	0	0	0	19
20	78	64	14	1	71				R	1:22p	2:30p	R	7:05p	9:25p							.03				0	0	0	0	20
21	81	66	15	3	74				R	6:57p	7:25p										T				0	0	0	0	21
22	84	62	22	1	73				R	7:48p	15p										.30				0	0	0	0	22
23	70	61	9	7	66				R	8:14p	8:45p										T				0	0	0	0	23
24	74	58	16	0	66				R	2:15p	2:20p										T				0	0	0	0	24
25	61	55	6	8	58				R R	DNa 11:02a	DNa 11:30a	R R	6:57a 1:00p	9:30a 1:25p	R R	9:13p 3:30p	9:35p 4:10p	R	10:05p	10:30p	.01				0	0	0	0	25
26	61	53	8	1	57				R	6:20a	6:30a	R	6:50a	7:05a	R	7:50a	8:10a	R	9:54a	10:20a	T				0	0	0	0	26
27	77	51	26	7	64																0				0	0	0	0	27
28	73	58	15	2	66				R	11:35a	1:45p	R	3:05p	9:00p							.22				0	0	0	0	28
29	73	59	14	0	66				R	DNa	DNa	R	8:55p	11:05a							.30				0	0	0	0	29
30	81	55	26	2	68																0				0	0	0	0	30
31																													31
S	2161	1639	522	119	1902		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.85		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	72.0	54.6	17.4	4.0	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
28.946	28.917	28.932	29.320	15	28.620	6	0.700	29.859	29.829	29.844	30.25	15	29.52	6	0.73
Corrected mean		28.928						Corrected mean		29.840					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
59.8	67.1	63.4	56.6	60.3	58.4	72.0	54.6	63.3	84	22	43	10	41	29	12	6	4

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
54.1	55.6	54.8	82.4	68.9	75.6	.434	.463	.448	0	0	0	0

Clouds.
Most frequent clouds: Cumulus.
Most frequent direction upper clouds: West.
Most frequent direction lower clouds: Southwest.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5652	7.8	SW	26	SW	13	4	3	9	3	9	11	12	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.0	7.5	7.0	58	7	8	15	0	2	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (30 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	19-22	0	19-21	0	0	27	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.85	1.14	4-5	0	—	—	0	—	—	8	12	9	7	0	20	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.27, date 19; 10 minutes 0.40, date 19; 15 minutes 0.44, date 19

30 minutes 0.55, date 5; 1 hour 0.64, date 5; 2 hours 0.70, date 5

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
5	DNa	10:10a	0.87	~~9:58a~~	~~9:58a~~	~~0.05~~	~~0.02~~	~~0.05~~	~~0.09~~	~~0.21~~	~~0.39~~	~~0.48~~	~~0.55~~	~~0.60~~						
19	6:36a	8:50a	0.54	~~6:53~~	~~7:42~~	~~7~~	~~0.40~~	~~0.40~~	~~0.44~~	~~0.46~~	~~0.47~~									
				9:11a	9:37a	0.32	.06	.21	.36	.44	.51	.53								
				7:00a	7:10a	0.01	.25	.40												

* The duration is the time precipitation was actually recorded.

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Prepared by E.L.H.

Earle L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
4	12 00 Noon	11 00 AM	72.0	29.066	.123	28.943	29.87	49.8	49.3	49	0.8	96	49.8	NE	18	23	E	0.34	10	st cu	NE	Lt Rain	Noon Special to Chicago Ill 2 PM Special to Chicago Ill	C.L.H.	4
13	2 00 pm	1 00 pm	77.0	29.008	.136	28.872	29.77	78.2	67.0	61	17.2	56	78.2	SW	20	26	SW	0	8	cu	SW	Cloudy	Noon Special to Chicago Ill	C.L.H.	13
18	12 00 Noon	11 00 AM	75.5	28.924	.132	28.792	29.69	68.8	66.3	65	3.8	88	70.2	SW	18	20	SW	0.14	10	st cu	SW	Cloudy		C.L.H.	18

Extremes of pressure

15	9 45 A	8 45 A				29.320	30.25	61															Highest		15
6	2 00 A	1 00 am				28.620	29.52	58															Lowest		6

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	2	2					5	2			88	10	86	9	10	1			191	24
2	18	3											28	6	173	15			219	24
3	3	1			107	15	24	4					3	3			0	1	137	24
4			142	10	186	14													328	24
5			8	1	144	17	18	3	23	3									193	24
6	58	5									54	4	138	12	44	3			294	24
7	15	2							11	2	20	4	23	4	96	12			165	24
8							32	3	116	11	26	4	35	6					209	24
9	7	1									9	1	85	10	141	12			242	24
10											14	4	59	14	29	6			102	24
11					20	4	67	11	14	3	18	6							119	24
12					14	3	12	4	127	14	35	3							188	24
13									26	3	250	16	43	5					319	24
14	44	6									5	1	64	9	69	8			182	24
15			132	17	49	7													181	24
16			13	2	104	14	41	8											158	24
17					37	7	82	10	58	6	8	1							185	24
18							21	3	23	2	134	10	56	8	6	1			240	24
19	13	2			46	9	40	9	9	1			12	3					120	24
20	4	1	10	4	3	1			18	4	65	9	17	5					117	24
21	7	2									55	8	36	9	22	5			120	24
22	3	1					13	2	49	6	104	13	8	2					177	24
23									8	1	74	9	126	14					208	24
24							7	1	35	5	98	16	10	2					150	24
25											75	10	122	14					197	24
26											47	6	117	18					164	24
27	5	2			4	1			5	1	162	17	29	3					205	24
28							83	12	22	4	35	6	6	2					146	24
29									5	1	38	4	37	3	176	16			256	24
30	17	3									23	5	29	5	71	11			140	27
31																				
SUM,	196	31	305	34	714	92	445	72	549	67	1437	167	1169	166	837	90	0	1	5652	720
PERCENTAGE,	3	4	5	5	13	13	8	10	10	9	25	23	21	23	15	13	0	0	a	a
AVG. HOURLY VELOCITY,	6.3	a	9.0	a	7.8	a	6.2	a	8.2	a	8.6	a	7.0	a	9.3	a	0	a	7.8	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, 192 8

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry streets, room 911-12 Tri-State Bldg.; first observation taken in present office, 7 a.m. May 20, 1911.

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.0	29.236	.132	29.104	30.01	69.8	66.3	65	83	.616	78.2	65.0	W	3			0	6	a cu	W	Pt. Cloudy		C.L.H.	1
2	79.0	29.240	.142	29.098	30.01	72.5	67.0	64	76	.595	80.0	66.4	W	2			0	4	ci st	NE	Pt Cloudy		C.L.H.	2
3	80.5	29.200	.146	29.054	29.96	72.8	67.1	64	75	.595	79.7	69.0	NW	16			0	1 cu 4	st cu	NW	Cloudy		C.L.H.	3
4	81.0	29.200	.148	29.052	29.94	71.9	64.9	61	69	.536	85.1	68.0	SW	10			0.23	8	st cu	SW	Lt. Rain		C.L.H.	4
5	83.0	29.170	.152	29.018	29.92	69.2	67.8	67	93	.661	81.8	65.8	NW	6			0.15	4	cu	N	Pt. Cloudy		C.L.H.	5
6	83.0	29.260	.153	29.107	30.02	66.8	64.3	63	88	.575	79.2	62.8	E	6			0	3	cu	NE	Clear		C.L.H.	6
7	83.0	29.260	.152	29.108	30.02	73.0	69.0	67	82	.661	78.9	68.6	S	4			0	6	a st	W	Pt. Cloudy		C.L.H.	7
8	86.0	29.268	.161	29.107	30.01	76.2	70.4	68	75	.684	86.3	73.1	SW	7			0	3 cu 5	st cu	SW SW	Cloudy		C.L.H.	8
9	85.0	29.176	.158	29.018	29.92	74.1	72.1	71	91	.757	77.9	73.0	SW	8			.01	10	st cu	SW	Lt. Rain		C.L.H.	9
10	83.5	29.228	.154	29.074	29.98	70.8	66.0	63	78	.575	80.3	64.6	SW	6			0	Few	a st	W	Clear		C.L.H.	10
11	84.5	29.200	.156	29.044	29.94	71.4	68.0	67	84	.661	83.1	65.2	NW	2			0.18	4	a cu	NW	Pt Cloudy		C.L.H.	11
12	82.0	29.300	.150	29.150	30.06	62.8	58.5	56	78	.448	75.1	58.6	NE	8			0	2 ci 5	a st	N NE	Pt Cloudy		C.L.H.	12
13	80.0	29.188	.145	29.043	29.96	60.8	60.0	59	95	.499	72.1	60.8	NE	6			0.20	10	nb	NE	Lt. Rain		C.L.H.	13
14	77.0	29.208	.137	29.071	29.99	61.1	58.1	56	84	.448	62.8	58.8	NW	4			T	10	st cu	NW	Cloudy		C.L.H.	14
15	76.0	29.234	.134	29.100	30.02	64.8	60.3	58	78	.482	69.7	57.5	S	4			0	0	0	0	Clear		C.L.H.	15
16	78.0	29.358	.140	29.218	30.13	68.9	61.0	56	64	.448	78.0	60.4	W	2			0	0	0	0	Clear		C.L.H.	16
17	81.0	29.360	.148	29.212	30.11	72.6	64.1	60	63	.517	82.9	65.4	SW	4			0	0	0	0	Clear		C.L.H.	17
18	83.0	29.240	.152	29.088	29.99	73.9	67.4	64	72	.595	83.1	67.8	SW	6			0	6	a st	W	Pt Cloudy		C.L.H.	18
19	83.0	29.160	.152	29.008	29.91	75.1	72.2	71	87	.757	75.1	70.2	SW	4			.07	4 3	a st st	W W	Pt Cloudy		C.L.H.	19
20	84.0	29.100	.155	28.945	29.84	76.0	73.0	72	87	.783	76.0	70.0	W	8			0	2 7	a cu st cu	W W	Cloudy		C.L.H.	20
21	84.0	29.200	.155	29.045	29.96	71.0	70.0	70	95	.732	73.2	69.8	SW	2			0	10	Lt Fog	SW	Cloudy		C.L.H.	21
22	82.0	29.129	.150	28.979	29.88	72.2	71.2	71	95	.757	73.0	70.7	SW	8			0	7 7	a st a cu st cu	W W W	Cloudy		C.L.H.	22
23	83.0	29.200	.152	29.048	29.96	66.0	64.0	63	90	.525	78.9	64.2	N	9			0	7	a st	W	Pt Cloudy		C.L.H.	23
24	82.0	29.338	.150	29.188	30.11	68.0	63.5	61	78	.536	76.9	62.2	N	3			0	Few	ci	W	Clear		C.L.H.	24
25	84.0	29.374	.156	29.218	30.13	73.0	67.2	64	74	.595	81.6	66.8	NW	2			0	4	a cu	NW	Pt Cloudy		C.L.H.	25
26	85.0	29.270	.158	29.112	30.02	70.0	68.5	68	93	.684	83.8	68.1	E	2			0	4 6	Lt Fog st	SW E	Cloudy		C.L.H.	26
27	85.5	29.068	.158	28.910	29.81	70.0	67.0	66	86	.638	82.9	67.2	SW	9			0	Few	a st	N	Clear		C.L.H.	27
28	80.5	29.200	.146	29.054	29.97	60.5	58.0	56	86	.448	68.0	56.0	NW	7			0	10	cu	NW	Cloudy		C.L.H.	28
29	77.0	29.450	.138	29.312	30.24	56.5	52.0	48	74	.334	67.9	50.9	N	4			0	2 2	ci a cu	W W	Pt Cloudy		C.L.H.	29
30	78.0	29.518	.141	29.377	30.30	63.2	55.5	50	61	.360	71.8	55.0	NE	2			0	0	0	0	Clear		C.L.H.	30
31	79.0	29.320	.142	29.178	30.10	65.9	59.2	54	67	.417	75.1	60.6	SW	7			0	2	ci	W	Clear		C.L.H.	31
Sums		(a)	(a)	902.040	930.22	2140.8	2013.6	1943	2501	17969	(a)	(a)	(a)	171	(a)	(a)	0.84	159	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.098	30.007	69.1	65.0	62.7	80.7	.580	(a)	(a)	(c) SW	5.5	(a)	(a)	(a)	5.1	U a.st L st cu	UW LSW	W (a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	80.0	29.216	.145	29.071	29.98	80.0	71.0	67	64	.661	84.9	69.8	NW	6			0	2 Few	a st cu	N NW	Clear			C.L.H.	1
2	82.0	29.141	.150	28.991	29.89	79.7	70.3	66	63	.638	83.8	72.5	SW	11			0	4 2	ci ci st	NW NW	Pt. Cloudy			C.L.H.	2
3	85.0	29.132	.158	28.974	29.86	85.1	76.6	73	68	.810	88.5	72.8	W	4			T	Few	ci st cu	W W	Clear			C.L.H.	3
4	83.0	29.112	.152	28.960	29.86	81.8	70.8	66	58	~~.616~~ .638	85.9	70.0	NW	2			T	Few 9	a st st cu	W W	Cloudy			C.L.H.	4
5	83.0	29.181	.152	29.029	29.93	79.2	68.9	64	59	.595	82.9	68.9	NE	4			0	2	cu	N	Clear			C.L.H.	5
6	83.5	29.216	.154	29.062	29.97	78.9	67.9	62	57	.555	82.1	66.8	SE	4			0	2 5	ci st ci cu	W W	P. Cloudy			C.L.H.	6
7	87.0	29.234	.163	29.071	29.97	86.3	75.8	72	62	.783	90.8	73.0	S	5			0	4 2	a st ci	W NW	Pt Cloudy			C.L.H.	7
8	86.0	29.169	.160	29.009	29.91	77.9	72.1	69	76	.707	90.0	76.2	SW	9			0.11	4 Few	ci st cu	NW SW	Pt. Cloudy			C.L.H.	8
9	85.0	29.157	.158	28.999	29.90	80.3	78.2	72	90	.926	83.8	70.8	W	6			0.28	Few	cu	W	Clear			C.L.H.	9
10	85.5	29.167	.159	29.008	29.91	83.1	72.9	69	62	.707	87.7	70.8	W	6			0	2 5	a st cu	W W	Pt Cloudy			C.L.H.	10
11	84.0	29.226	.155	29.071	29.98	75.1	62.6	55	50	.432	82.6	69.1	N	9			0.30	4 2	ci st a st	N NW	Pt Cloudy			C.L.H.	11
12	81.0	29.221	.147	29.074	29.99	72.1	63.7	59	63	.499	76.7	62.8	E	8			0	5 4	a st a cu	SW SW	Cloudy			C.L.H.	12
13	77.0	29.157	.137	29.020	29.94	62.8	60.9	60	90	.517	67.9	60.8	NW	8			.08	10	st cu	N	Lt. Rain			C.L.H.	13
14	76.5	29.172	.135	29.037	29.96	69.7	64.0	61	74	.536	73.9	61.1	W	7			T	3 1	a st st cu	W NW NW	Pt Cloudy			C.L.H.	14
15	78.5	29.272	.141	29.131	30.04	78.0	65.5	59	51	.499	81.8	64.8	NW	5			0	Few	cu	N	Clear			C.L.H.	15
16	83.5	29.335	.154	29.181	30.09	82.9	67.2	58	45	.482	87.2	68.9	W	3			0	3 1	a st cu	W NW	Pt Cloudy			C.L.H.	16
17	84.0	29.257	.156	29.101	30.00	83.1	68.9	62	49	.555	87.4	72.6	SW	4			0	2 4	a st cu	W SW	Pt Cloudy			C.L.H.	17
18	85.0	29.180	.158	29.022	29.92	71.8	71.0	71	96	.757	90.0	71.8	N	9			.14	10 7	st a cu	N W	Cloudy			C.L.H.	18
19	85.0	29.080	.157	28.923	29.82	74.1	70.9	70	85	.732	88.9	68.0	W	3			.12	3 3	a st a cu	W W	Cloudy			C.L.H.	19
20	84.0	29.129	.155	28.974	29.87	73.2	70.8	69	89	.707	88.9	73.2	SW	8			.02	7 4	a st a st	W SW	Cloudy			C.L.H.	20
21	83.0	29.154	.152	29.002	29.91	72.9	71.8	72	95	.783	88.9	68.8	SW	3			2.06	2 4	a cu cu	SW SW	Cloudy	B 4:40 E 7:20		C.L.H.	21
22	85.0	29.108	.157	28.951	29.85	78.9	70.2	66	65	.638	86.0	72.2	NW	7			0	Few 1	ci cu	W W	Clear			C.L.H.	22
23	83.0	29.235	.152	29.083	29.99	76.9	68.9	65	67	.616	82.4	66.0	NW	8			T	1 2	a st cu	NW NW	Clear			C.L.H.	23
24	85.0	29.339	.158	29.181	30.09	81.6	67.1	60	47	.517	85.8	68.0	NW	4			0	Few	a st	W	Clear			C.L.H.	24
25	87.0	29.278	.163	29.115	30.02	83.8	70.3	64	51	.595	88.8	73.0	N	2			T	8 5	ci st ci st	N W	Cloudy			C.L.H.	25
26	85.0	29.115	.157	28.958	29.86	82.9	70.4	64	54	.595	88.0	70.0	W	3			0	Few 3	a cu cu	W W	Cloudy	B 5:00 E 7:00		C.L.H.	26
27	80.0	29.062	.144	28.918	29.83	68.0	64.0	62	81	.555	84.6	63.7	NW	12			.34	2 4	st cu	NW NW	Pt Cloudy			C.L.H.	27
28	80.0	29.300	.145	29.155	30.08	67.9	60.0	55	63	.432	71.6	60.5	NW	10			0	3	cu	NW	Clear			C.L.H.	28
29	80.0	29.438	.146	29.292	30.22	71.8	58.2	48	43	.334	74.6	56.5	NW	3			0	Few 1	cu ci cu	N NW	Clear			C.L.H.	29
30	79.0	29.404	.143	29.261	30.18	75.1	62.1	54	48	.417	80.3	63.2	SW	5			0	Few	cu	SW	Clear			C.L.H.	30
31	77.5	29.224	.138	29.086	30.00	69.1	67.0	66	90	.638	80.0	65.9	SW	8			T	10	st cu	SW	Cloudy			C.L.H.	31
Sums		(a)	(a)	900.710	928.82	2384.0	2120.0	1985	2055	18.856	(a)	(a)	(a)	186	(a)	(a)	3.45	164	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.055	29.962	76.9	68.4	64.0	66.3	.608	(a)	(a)	(c) NW	6.0	(a)	(a)	(a)	5.3	U cu st L cu	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind, for the Month of July, 1928

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp. m. to Zp. m. *‡‡ In.	Snow unmelted. Zp.m. to Zp. m. *‡‡ In.	Hail, sleet, and snow on ground at Zp. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.	
Sunday 1	85	65	20	7	75																0				0	0	0	0	1	
2	84	66	18	0	75																0				0	0	0	0	2	
3	88	69	19	3	78				R	7:20a	7:42a										T				0	0	0	0	3	
4	86	68	18	1	77				R	2:35a	7:55a	R	8:50p	10:56p							.38				0	0	0	0	4	
5	83	66	17	3	74																0				0	0	0	0	5	
6	82	63	19	2	72																0				0	0	0	0	6	
7	91	69	22	8	80																0				0	0	0	0	7	
8	90	73	17	2	82				R	3:40p	4:15p										.11				0	0	0	0	8	
9	84	71	13	4	78				R	6:22a	9:06a	R	2:50p	3:16p							.29				0	0	0	0	9	
10	88	65	23	2	76				R	7:35p	8:30p										.18				0	0	0	0	10	
11	83	64	19	2	74				R	9:29a	9:55a	R	11:48a	11:58a	R	3:02p	3:40p				.30				0	0	0	0	11	
12	77	59	18	6	68																0				0	0	0	0	12	
13	68	61	7	4	64				R	DNa	11:15p	R	12:45p	1:05p	R	2:35p	4:30p	R	5:30p	7:05p	.28				0	0	0	0	13	
14	74	59	15	2	66				R	12:06p	12:09p	R	12:25p	12:33p	R	5:10p	5:20p				T				0	0	0	0	14	
15	82	58	24	4	70																0				0	0	0	0	15	
16	87	60	27	4	74																0				0	0	0	0	16	
17	87	65	22	2	76																0				0	0	0	0	17	
18	90	68	22	3	79				R	4:37p	5:58p	R	6:26p	6:38p	R	7:02p	8:30p				.21				0	0	0	0	18	
19	89	68	21	1	78				R	3:30p	4:00p										.12				0	0	0	0	19	
20	89	70	19	2	80				R	2:15p	2:25p	R	3:35p	5:00p							.02				0	0	0	0	20	
21	89	69	20	1	79				R	2:25p	3:50p	R	4:20p	4:50p							2.06				0	0	0	0	21	
22	86	71	15	1	78																0				0	0	0	0	22	
23	82	64	18	5	73				R	7:15a	7:20a										T				0	0	0	0	23	
24	86	62	24	1	74																0				0	0	0	0	24	
25	89	67	22	4	78				R	5:05p	5:10p	R	5:50p	5:55p							T				0	0	0	0	25	
26	88	68	20	0	78																0				0	0	0	0	26	
27	85	58	27	6	72				R	12:18p	12:45p	R	1:15p	2:10p							.34				0	0	0	0	27	
28	72	56	16	8	64																0				0	0	0	0	28	
29	75	51	24	1	63																0				0	0	0	0	29	
30	80	55	25	5	68																0				0	0	0	0	30	
31	80	61	19	2	70				R	1:10p	1:40p	R	DNP	DNP							.03				0	0	0	0	31	
S	2599	1989	610	96	2293		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.32		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)	
M	83.8	64.2	19.7	3.1	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.098	29.055	29.076	29.400	30	28.850	27	0.550	30.007	29.962	29.984	30.32	30	29.74	27	0.58
Corrected mean		29.073						Corrected mean		29.981					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
69.1	76.9	73.0	65.0	68.4	66.7	83.8	64.2	74.0	91	7	51	29	40	27	16	7	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
62.7	64.0	63.4	80.7	66.3	73.5	.580	.608	.594	0	3	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4668	6.3	SW	30	SW	21	6	4	3	1	3	18	11	16	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.1	5.3	5.8	74	6	19	6	1	7	4

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	21, 27. 3, 4, 8, 10, 11, 18, 19, 20	0	26	0	21, 26	0	0	0	0	0	0	7

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.32	2.06	21	0	—	—	1.97	0 45	21	4	12	10	6	1	16	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.60, date 21st; 10 minutes 0.97, date 21; 15 minutes 1.27, date 21

30 minutes 1.85, date 21; 1 hour 2.04, date 21; 2 hours 2.05, date 21

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
21	2:25p	3:50p	2.04	2:34p	3:14p	.03	.05	.24	.69	1.17	1.48	1.62	1.88	1.97						

* The duration is the time precipitation was actually recorded.

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Prepared by E. J. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne Ind., for the Month of July, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of pressure																	
27	1 00 PM	12 00 Noon				28.850	29.74	84.6															Lowest		27
30	9 00 am	8 00 a.m				29.400	30.32	67.0															Highest		30

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											7	1	41	11	82	12			130	24
2											110	12	39	11	8	1			157	24
3											111	12	98	10	24	2			233	24
4	7	1	6	2	4	1					77	9	61	6	20	5			175	24
5	18	3	29	6	9	2									94	13			150	24
6					65	13	43	10	5	1									113	24
7									58	13	77	11							135	24
8									60	8	110	15	6	1					176	24
9											107	11	100	13					207	24
10											138	17	43	7					181	24
11	52	11	6	2							11	3	18	3	22	5			109	24
12	23	5	30	5	84	14													137	24
13	14	3	40	7	64	12									12	2			130	24
14	14	3											100	14	41	7			155	24
15											7	1	124	16	46	7			177	24
16											23	6	52	15	14	3			89	24
17											85	21	17	3					102	24
18	22	2									131	19	12	2	6	1			171	24
19			4	1							88	11	50	10	12	2			154	24
20											66	8	100	15	9	1			175	24
21							6	1	12	3	61	11	28	8	2	1			109	24
22											59	8	36	6	85	10			180	24
23	97	14											4	1	61	9			162	24
24	21	8											9	2	59	14			89	24
25	16	5	7	1	7	1					13	3	22	6	26	7	0	1	91	24
26					31	7					33	7	49	9	3	1			116	24
27											93	12	35	4	81	8			209	24
28	14	2													211	22			225	24
29	94	17													16	6	0	1	110	24
30	6	3	3	1	8	3			35	6	35	7	5	1	5	3			97	24
31									37	6	187	18							224	24
SUM,	398	77	125	25	272	53	49	11	207	37	1629	223	1049	174	939	142	0	2	4668	744
PERCENTAGE,	9	10	3	4	6	7	1	2	4	5	35	30	22	23	20	19	0	0	a	a
AVG. HOURLY VELOCITY,	5.2	a	5.0	a	5.1	a	4.5	a	5.6	a	7.3	a	6.0	a	6.6	a	0	a	6.3	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, *1928*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 6.75; sum of corrections, -0.17; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry streets, room 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	78.0	29.250	.140	29.110	30.02	70.0	67.0	66	86	.638	70.0	66.2	SW	10			.03	2 4	a cu c st	NW NW	Pt Cloudy		C.L.H.	1
2	81.5	29.264	.149	29.115	30.02	73.8	71.2	70	88	.732	83.0	68.9	SW	10			0	4 3	a cu cu	W SW	Pt. Cloudy		C.L.H.	2
3	85.5	29.208	.159	29.049	29.94	78.0	72.8	71	78	.757	84.8	74.0	SW	12			0	1 3	cu a st	N N	Pt. Cloudy		C.L.H.	3
4	83.0	29.178	.152	29.026	29.92	75.8	72.2	71	84	.757	84.9	74.2	SW	10			0	3	cu	SW	Clear		C.L.H.	4
5	84.0	29.173	.155	29.018	29.93	72.8	70.9	70	91	.732	72.8	70.0	S	4			.03	10	st cu	SW	Cloudy		C.J.	5
6	84.0	29.320	.156	29.164	30.07	68.8	65.0	63	82	.575	76.3	66.4	NE	7			T	6	cu	W	Pt. Cloudy		C.L.H.	6
7	84.0	29.326	.156	29.170	30.08	71.8	68.3	67	84	.661	80.4	68.1	SW	4			0	Few	a cu	W	Clear		C.L.H.	7
8	85.0	29.320	.158	29.162	30.06	73.6	70.1	69	84	.707	83.9	70.8	W	2			0	0	0	0	Clear		C.L.H.	8
9	86.0	29.240	.160	29.080	29.98	75.6	70.1	68	76	.684	81.8	70.9	SW	3			0	Few	a cu	W	Clear		C.L.H.	9
10	86.0	29.180	.160	29.020	29.92	71.0	66.5	64	79	.595	76.2	66.2	NW	8			T	2 8	cu st	SW SW	Cloudy		C.L.H.	10
11	85.0	29.210	.158	29.052	29.96	68.9	64.9	63	81	.575	81.2	66.0	NE	12			0	10	st cu	E	Cloudy		C.L.H.	11
12	82.0	29.358	.150	29.208	30.13	60.0	57.0	55	84	.432	69.9	54.4	NE	7			0	Few	cu	N	Clear		C.L.H.	12
13	80.0	29.380	.146	29.234	30.15	59.0	55.3	53	80	.402	71.0	55.2	E	4			0	2	ci st	N	Clear		C.L.H.	13
14	80.5	29.382	.147	29.235	30.16	61.0	59.5	59	92	.499	76.9	57.2	E	7			0	0	0	0	Clear		C.L.H.	14
15	81.0	29.390	.148	29.242	30.15	66.9	63.9	62	85	.555	80.9	62.0	E	3			0	0	0	0	Clear		C.L.H.	15
16	83.5	29.318	.154	29.164	30.06	72.9	69.2	68	82	.684	85.9	69.7	E	2			0	0	0	0	Clear		C.J.	16
17	84.5	29.100	.156	28.944	29.83	72.0	68.5	67	84	.661	83.8	69.0	SW	7			0	6	a st	SW	Pt Cloudy		C.L.H.	17
18	83.0	29.120	.152	28.968	29.88	67.9	66.9	67	95	.661	75.8	64.8	N	4			T	10	st	N	Cloudy		C.L.H.	18
19	80.0	29.224	.145	29.079	30.00	60.9	58.8	58	88	.482	70.8	56.8	NW	3			0	1	ci	NW	Clear		C.J.	19
20	81.0	29.257	.148	29.109	30.02	67.8	61.9	58	72	.482	78.2	63.8	SW	6			0	0	0	0	Clear		C.J.	20
21	82.0	29.038	.149	28.889	29.79	67.8	64.3	63	83	.575	78.9	65.2	N	4			0.15	10	st cu	SW	Lt. Rain		C.L.H.	21
22	79.0	29.368	.142	29.226	30.15	61.8	56.3	53	72	.402	69.2	56.2	NE	8			0	1	a cu	N	Clear		C.L.H.	22
23	79.0	29.210	.142	29.068	29.98	64.6	60.0	57	77	.465	72.8	59.0	SE	10			0	10	a st	W	Cloudy		C.L.H.	23
24	79.5	29.200	.141	29.059	29.98	61.2	59.0	58	88	.482	74.1	61.2	N	10			.09	10	a st	N	Cloudy		C.L.H.	24
25	77.0	29.461	.138	29.323	30.25	57.6	53.1	50	75	.360	67.8	52.4	E	8			0	5 3	a cu a st	W W	Cloudy		C.L.H.	25
26	76.0	29.460	.135	29.325	30.26	58.8	54.3	51	75	.373	70.9	53.8	NE	4			0	2	ci st	N	Clear		C.L.H.	26
27	76.0	29.434	.135	29.299	30.22	60.9	57.4	55	81	.432	75.8	56.2	E	5			0	Few	ci	N	Clear		C.L.H.	27
28	80.5	29.330	.146	29.184	30.09	72.8	69.3	68	84	.684	81.9	68.2	SW	10			0	Few	cu	N	Clear		C.L.H.	28
29	81.0	29.320	.148	29.172	30.09	68.0	64.5	63	83	.575	71.4	64.5	E	3			0	3	ci	N	Clear		C.J.	29
30	80.0	29.146	.145	29.001	29.90	70.6	68.3	67	89	.661	80.8	69.4	W	6			.19	10	st cu	NW	Cloudy		C.J.	30
31	78.5	29.427	.143	29.284	30.21	57.2	52.8	49	75	.347	66.8	57.2	NE	7			0	9	st cu	NE	Cloudy		C.J.	31
Sums		(a)	(a)	902.979	931.20	2089.8	1979.3	1923	2557	17627	(a)	(a)	(a)	200	(a)	(a)	0.49	138	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.128	30.039	67.4	63.8	62.0	82.5	.569	(a)	(a)	(c) SW	6.5	(a)	(a)	(a)	4.5	U a cu L cu	UN LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1928

Number of Station barometer, 656; sum of corrections, −0.09 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	82.0	29.200	.150	29.050	29.96	83.0	72.0	67	58	.661	86.2	70.0	SW	6			0	2	a cu	W	Clear			C.L.H.	1
2	87.0	29.173	.163	29.010	29.90	84.8	75.1	71	64	.757	92.0	73.8	SW	11			0	5 Few	ci cu	SW SW	Pt Cloudy			C.H.	2
3	88.0	29.164	.165	28.999	29.89	84.9	74.2	70	61	.732	92.0	78.0	SW	7			0	3 1	ci st cu	W W	Pt. Cloudy			C.H.	3
4	83.5	29.142	.154	28.988	29.89	71.2	69.9	70	94	.732	89.2	69.8	S	7			.22	9	st cu	SW	Cloudy			C.H.	4
5	84.0	29.223	.155	29.068	29.98	76.3	71.8	70	80	.732	80.0	71.1	N	5			.63	10	st cu	NW	Cloudy			C.H.	5
6	84.5	29.303	.157	29.146	30.06	80.4	70.6	66	62	.638	83.8	68.8	NW	2			0	2	st	NW	Clear			C.H.	6
7	85.5	29.264	.160	29.104	30.00	83.9	74.1	70	64	.732	90.0	71.8	W	5			0	3 1	a st st cu	W W	Pt. Cloudy			C.H.	7
8	87.0	29.258	.163	29.095	30.00	81.8	72.8	69	65	.707	93.6	73.6	NW	3			0	4	a cu	W	Pt. Cloudy			C.H.	8
9	85.0	29.161	.158	29.003	29.90	76.2	67.8	63	65	.575	92.7	75.6	NW	4			T	2 4	ci st cu	W NW	Pt. Cloudy			C.H.	9
10	85.5	29.089	.159	28.930	29.83	81.2	71.7	67	63	.661	87.9	69.2	N	5			.03	2 3 2	a st st cu st cu	NW NW NW	Cloudy			C.H.	10
11	83.0	29.265	.153	29.112	30.02	69.9	57.1	47	44	.322	78.0	67.8	NE	9			0	Few	a st	NE	Clear			C.H.	11
12	83.0	29.314	.153	29.161	30.08	71.0	59.0	51	49	.373	78.9	60.0	NE	7			0	Few	a st	NE	Clear			C.L.H.	12
13	81.0	29.337	.148	29.189	30.11	76.9	63.2	54	47	.417	79.9	59.0	E	2			0	Few	ci	E	Clear			C.H.	13
14	82.5	29.337	.152	29.185	30.10	80.9	65.1	56	42	.448	87.0	61.0	SE	2			0	2	ci	SE	Clear			C.H.	14
15	86.0	29.317	.161	29.156	30.07	85.9	71.1	64	50	.595	90.9	66.9	SE	2			0	3 3	cu st cu	SE SE	Pt Cloudy			C.H.	15
16	86.0	29.174	.160	29.014	29.90	83.8	71.2	65	54	.616	89.9	72.9	SW	6			0	2 5	cu st cu	SW SW	Pt Cloudy			C.H.	16
17	82.0	29.044	.149	28.895	29.80	75.8	70.2	68	76	.684	82.9	72.0	NW	8			.02	10	st cu	NW	Cloudy			C.H.	17
18	81.0	29.141	.147	28.994	29.90	70.8	61.8	57	60	.405	80.1	67.9	NW	10			0	5	ci	NW	Pt Cloudy			C.H.	18
19	82.0	29.184	.150	29.034	29.94	78.2	64.9	58	49	.482	84.0	60.9	SW	5			0	Few 1	a cu st cu	SW SW	Clear			C.H.	19
20	82.0	29.166	.150	29.016	29.92	78.9	69.9	66	64	.638	86.9	67.8	S	5			0	4 6	ci a st	SW SW	Cloudy			C.H.	20
21	80.0	29.219	.145	29.074	29.98	69.2	61.8	57	66	.465	79.0	64.3	NW	8			.50	1	a st	NW	Clear			C.H.	21
22	81.0	29.284	.148	29.136	30.06	72.8	61.3	54	52	.417	79.0	61.8	E	6			0	1	a st	NW	Clear			C.L.H.	22
23	79.0	29.108	.141	28.967	29.88	74.1	69.0	67	78	.661	82.8	64.6	SW	10			T	10	st cu	SW	Cloudy			C.H.	23
24	78.5	29.342	.141	29.201	30.12	67.8	57.1	42	48	.266	73.7	61.2	N	6			0	1	ci st	SW	Clear			C.H.	24
25	77.5	29.377	.138	29.239	30.16	70.9	59.6	52	52	.387	74.9	57.6	E	3			0	1	a st ci	SW SW	Pt Cloudy			C.H.	25
26	78.0	29.420	.141	29.279	30.21	75.8	63.3	56	50	.448	80.1	58.8	E	3			0	6	ci	N	Pt Cloudy			C.L.H.	26
27	82.0	29.339	.150	29.189	30.11	81.9	71.4	67	60	.661	88.1	60.9	SW	5			0	Few	a st	SW	Clear			C.H.	27
28	80.0	29.302	.145	29.157	30.08	71.4	69.2	68	90	.684	90.3	71.4	W	6			.10	10	st cu	W	Cloudy			C.H.	28
29	83.0	29.158	.152	29.006	29.91	80.8	73.3	70	70	.732	86.2	68.0	SW	8			0	10	st.	W	Cloudy			C.L.H.	29
30	79.0	29.279	.142	29.137	30.05	66.8	59.9	56	67	.448	77.7	66.8	NW	7			0	Few 1	ci st cu	NW NW	Clear			C.H.	30
31	78.0	29.449	.141	29.308	30.24	64.6	53.8	45	49	.298	70.0	57.2	N	5			0	Few 1	ci st cu	W NW	Clear			C.H.	31
Sums	(a)	(a)	(a)	901.842	930.05	2371.9	2073.2	1903	1893	17.434	(a)	(a)	(a)	178	(a)	(a)	1.50	142	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.092	30.002	76.5	66.9	61.4	61.1	.562	(a)	(a)	(c) SW	5.7	(a)	(a)	(a)	4.6	U Ci L St cu	U SW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1928

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																			In.				In.	In.	In.	In.	
Wednesday 1	86	66	20	6	76																			0				0	0	0	0	1
2	92	69	23	4	80																			0				0	0	0	0	2
3	92	74	18	3	83																			0				0	0	0	0	3
4	89	70	19	3	80				R	3:50p	5:30p	R	9:57p	10:00p	R	DNp	DNp							.22				0	0	0	0	4
5	80	69	11	6	74				R	DNa	DNa	R	7:10a	8:40a	R	10:43a	12:09p	R	1:30p	2:30p				.66				0	0	0	0	5
6	84	66	18	1	75				R	DNa	DNa													T				0	0	0	0	6
7	90	68	22	4	79																			0				0	0	0	0	7
8	94	71	23	3	82																			0				0	0	0	0	8
9	93	71	22	0	82				R	4:20p	4:30p													T				0	0	0	0	9
10	88	66	22	5	77				R	4:10a	4:20a	R	7:20a	9:45a										.03				0	0	0	0	10
11	78	59	19	9	68																			0				0	0	0	0	11
12	79	54	25	2	66																			0				0	0	0	0	12
13	80	55	25	2	68																			0				0	0	0	0	13
14	87	57	30	4	72																			0				0	0	0	0	14
15	91	62	29	4	76																			0				0	0	0	0	15
16	90	70	20	4	80																			0				0	0	0	0	16
17	83	69	14	4	76				R	10:49a	11:10a	R	10:15p	10:20p										.02				0	0	0	0	17
18	80	61	19	6	70																			0				0	0	0	0	18
19	84	57	27	0	70																			0				0	0	0	0	19
20	87	64	23	6	76																			0				0	0	0	0	20
21	79	61	18	6	70				R	DNa	7:55a													.65				0	0	0	0	21
22	79	56	23	2	68																			0				0	0	0	0	22
23	83	59	24	3	71				R	6:30p	7:02p	R	9:00p	9:10p	R.	10:05p	DNp							.02				0	0	0	0	23
24	74	57	17	5	66				R	DNa	DNa													.07				0	0	0	0	24
25	75	52	23	2	64																			0				0	0	0	0	25
26	85	54	26	3	67																			0				0	0	0	0	26
27	88	56	32	5	72																			0				0	0	0	0	27
28	90	68	22	7	79				R	2:05p	3:10p													.10				0	0	0	0	28
29	86	64	22	4	75				R	7:15p	cont													.16				0	0	0	0	29
30	78	61	17	5	70				R	cont	DNa													.03				0	0	0	0	30
31	70	54	16	8	62																			0				0	0	0	0	31
S	2609	1940	669	126	2274		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.96		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	84.2	62.6	21.6	4.1	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.128	29.092	29.110	29.340	31	28.850	21	0.490	30.039	30.002	30.020	30.27	31	29.74	21	0.53
Corrected mean 29.106								Corrected mean 30.016							

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
67.4	76.5	72.0	63.8	66.9	65.4	84.2	62.6	73.4	94	8	52	25	42	32	27	11	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
62.0	61.4	61.7	82.5	61.1	71.8	.569	.562	.566	0	7	0	0

Clouds.
Most frequent clouds: Cumulus
Most frequent direction upper clouds: West
Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4717	6.3	SW	26	SW	21	7	8	11	3	3	17	4	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.5	4.6	4.5	75	12	16	3	1	6	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	33 Winds. (~~40~~ miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	4, 5, 9, 10, 21, 28	0	24 –	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.96	0.88	4-5	0	–	–	–	None	–	2	10	6	2	0	12	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.18, date 21"; 10 minutes 0.25, date 21"; 15 minutes 0.28, date 21"
30 minutes 0.39, date 21"; 1 hour 0.50, date 21"; 2 hours 0.53, date 21"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Earle L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1928

Number of Station barometer, 656; sum of corrections, -.002 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
23	2:00pm	1:00pm	79.0	29.118	.141	28.977	29.89	79.9	67.0	60	20	51	80.0	S	14			0	3	Cirrus	SW SW	Cloudy	2:00PM Chicago	CLH	23
Extremes of Pressure.																									
21	6:00 a	5:00 am				28.850	29.74	68.0															Lowest		21
31	10:00 p	9:00 PM				29.340	30.27	59.0															Highest		31

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											108	15	30	9					158	24
2											232	24							232	24
3	10	2							4	1	230	21							244	24
4									14	2	192	21	14	1					220	24
5	5	1	29	5					10	2	47	9	25	4	22	3			138	24
6	10	3	34	8	19	8			4	1					15	4			82	24
7											58	15	38	9					96	24
8											9	3	67	16	16	5			92	24
9	12	1	12	1			3	1	6	1	36	10	55	7	12	3			136	24
10	39	8	19	4							15	3	14	3	37	6			124	24
11	5	1	253	23															258	24
12			92	13	85	11													177	24
13			19	4	89	19	3	1											111	24
14	3	1	24	7	51	13	6	3											84	24
15			17	5	32	8	11	3	18	4	22	4							100	24
16			21	5	18	6	7	2	7	4	17	6					0	1	70	24
17							1	1	3	2	19	4	41	6	90	11			154	24
18	46	9													104	15			150	24
19	2	1	7	2	5	1	3	1	5	1	36	8	8	2	22	8			88	24
20									18	2	132	21	9	1					162	24
21	47	7							4	1	70	6	20	2	97	8			238	24
22	10	2	46	8	56	12	10	2											122	24
23					7	2	21	4	53	6	132	12							213	24
24	169	20	4	1							9	2			5	1			187	24
25			49	7	95	15	5	2											149	24
26			19	5	78	15	13	4											110	24
27			12	3	19	5	3	1	9	2	85	13							128	24
28											122	13	76	10	8	1			206	24
29	10	2	4	1	5	2	2	1	11	2	101	12	3	1	21	3			157	24
30											32	4	51	7	117	13			200	24
31	80	14	36	5											15	5			131	24
SUM,	448	72	697	107	559	117	88	26	166	31	1707	226	471	78	581	86	0	1	4718	744
PERCENTAGE,	9	10	15	14	12	16	2	3	4	4	36	30	10	11	12	12	0	0	a	a
AVG. HOURLY VELOCITY,	6.2	a	6.5	a	4.8	a	3.4	a	5.4	a	7.6	a	6.1	a	6.8	a	0	a	6.3	a

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *1928*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 625; sum of corrections, -.012; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of ~~September~~, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	77.0	29.464	.138	29.326	30.26	54.8	48.3	42	62	.266	64.6	50.4	NE	2			0	2 2	a cu st cu	NE NE	Pt Cloudy		CLH.	1
2	75.0	29.189	.132	29.057	29.98	59.9	53.9	49	68	.347	69.4	57.2	SW	10			0	1 3	a st cu	SW SW	Pt. Cloudy		CLH.	2
3	74.0	28.972	.128	28.844	29.75	56.2	54.0	53	87	.402	66.8	54.9	W	7			.37	Few	cu	W	Clear		CLH.	3
4	71.0	29.340	.121	29.219	30.15	50.9	49.0	47	88	.322	55.9	47.2	W	4			.01	0	0	0	Clear		CLH.	4
5	70.5	29.526	.121	29.405	30.33	54.2	50.7	48	79	.334	63.1	48.8	NE	2			0	2 2	a st a cu	NE E	Clear		CLH.	5
6	72.0	29.482	.125	29.357	30.29	56.1	54.6	53	91	.402	65.0	54.8	NE	6			0	6	ci st	NE	Cloudy		CLH.	6
7	73.0	29.490	.127	29.363	30.29	54.8	52.8	52	88	.387	66.7	52.0	E	2			0	1	a cu	SW	Clear		CLH.	7
8	73.0	29.382	.127	29.255	30.18	59.0	56.0	54	83	.417	68.9	54.0	SE	2			0	0	0	0	Clear		CLH.	8
9	75.5	29.372	.133	29.239	30.16	64.0	61.2	59	86	.499	76.9	61.9	SW	6			0	0	0	0	Clear		E.L.H.	9
10	79.0	29.372	.142	29.230	30.14	68.8	65.3	64	83	.595	80.8	67.0	SW	10			0	Few 2	a.cu a.st	~~N~~ NE	Clear		E.L.H.	10
11	80.0	29.280	.145	29.135	30.04	69.8	64.8	62	77	.555	80.0	68.8	SW	8			0	4 6	cu st cu	SW SW	Cloudy		E.L.H.	11
12	80.0	29.200	.145	29.055	29.96	67.2	65.0	64	89	.595	73.0	64.8	SW	8			.01	2 4/2	a cu cu st cu	W SW SW	Cloudy		E.L.H.	12
13	81.0	29.260	.147	29.113	30.02	68.8	65.3	64	83	.595	78.8	67.2	N	2			T	10	a st	W	Cloudy		E.L.H.	13
14	80.5	29.250	.146	29.104	30.01	66.9	62.8	61	80	.536	77.1	64.4	SE	4			T	4 6	ci a st	W W	Cloudy		E.L.H.	14
15	81.0	29.120	.147	28.973	29.87	65.0	61.7	59	83	.499	82.8	64.2	SW	12			.07	1 3	ci st a.cu	N SW	Pt Cloudy		E.L.H.	15
16	80.0	29.316	.145	29.171	30.09	61.2	58.2	54	84	.448	76.2	57.9	SW	6			0	0	0	0	Clear		E.L.H.	16
17	79.0	29.382	.143	29.239	30.16	57.9	53.2	50	74	.360	76.2	57.9	N	7			0	2	a.st	N	Clear		E.L.H.	17
18	76.0	29.450	.145	29.305	30.24	47.7	45.7	44	87	.287	60.2	44.8	NE	6			0	0	0	0	Clear		E.L.H.	18
19	73.5	29.381	.129	29.252	30.18	50.0	45.5	41	71	.256	59.0	46.0	NE	10			0	5	ci st	E	Pt Cldy		E.L.H.	19
20	71.0	29.132	.121	29.011	29.94	52.6	50.1	48	85	.334	60.0	51.8	N	6			0	10	a.st	NW	Cloudy		E.L.H.	20
21	71.0	29.170	.121	29.049	29.97	55.7	50.3	46	69	.310	64.0	50.8	SW	11			0	6	a.cu	W	Pt Cldy		E.L.H.	21
22	69.0	29.310	.116	29.194	30.12	46.9	43.8	41	78	.256	55.2	44.0	SW	8			0	0	0	0	Clear		E.L.H.	22
23	71.0	29.120	.120	29.000	29.93	45.0	42.2	39	80	.237	62.9	44.1	W	6			T	7	cu	N	Pt. Cloudy		CLH.	23
24	64.0	29.170	.102	29.068	30.01	35.3	32.0	27	70	.143	46.2	34.1	SW	9			0	0	0	0	Clear		CLH.	24
25	65.0	29.012	.104	28.908	29.84	41.4	40.4	39	92	.237	50.0	40.0	SW	7			0	0	0	0	Clear		CLH.	25
26	68.0	29.310	.113	29.197	30.14	34.2	32.0	29	80	.157	43.6	32.2	SW	8			0	6	a cu	N	Pt. Cloudy		CLH.	26
27	70.0	29.230	.118	29.112	30.04	45.7	41.2	36	68	.211	50.4	40.4	W	8			0	0	0	0	Clear		CLH.	27
28	70.5	29.270	.120	29.150	30.08	42.6	39.1	35	74	.203	55.0	38.2	W	2			0	4	ci st	N	Pt Cloudy		CLH.	28
29	70.0	29.190	.118	29.072	30.00	46.8	43.5	40	77	.247	57.4	44.8	SW	4			0	2 4	a st st cu	W SW	Pt Cloudy		CLH.	29
30	71.0	29.254	.121	29.133	30.06	44.1	41.1	38	78	.228	57.9	41.2	N	2			0	0	0	0	Clear		E.L.H.	30
31																								31
Sums		(a)	(a)	874.536	902.23	1623.5	1523.7	1440	2394	10.665	(a)	(a)	(a)	185	(a)	(a)	0.46	110	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.151	30.074	54.1	50.8	48.0	79.8	35.6	(a)	(a)	(c) SW	6.2	(a)	(a)	(a)	3.7	U a.st L cu	U NE-W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1928

Number of Station barometer, 656; sum of corrections, -.002 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.) (b)	Reduced to sea-level. (b)	Thermometers. Dry. (b)	Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Min. (b)	Wind. Dir.	Velocity. (b) †	Max. during preceding 12 hours.	Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Kind.	Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.0	29.311	.137	29.174	30.09	69.4	56.9	47	45	.322	75.7	54.8	W	3			0	Few	stcu	W	Clear				1
2	76.0	29.016	.133	28.883	29.79	66.8	60.3	56	69	.448	78.9	59.9	NW	10			0	4 6	ast stcu	NW NW	Cloudy				2
3	72.0	29.135	.124	29.011	29.94	55.9	53.0	51	83	.373	66.9	53.6	W	6			.04	9	stcu	W	Cloudy				3
4	72.0	29.419	.125	29.294	30.23	63.1	54.1	47	56	.322	68.3	50.9	N	4			0	4	cist.	N	Pt. Cloudy				4
5	72.0	29.440	.125	29.315	30.25	65.0	55.5	48	55	.334	70.8	54.2	NE	6			0	6	cist	W	Pt Cloudy			E.L.H.	5
6	73.5	29.462	.129	29.333	30.26	66.7	59.2	55	65	.432	73.8	56.1	E	5			0	4 1	cist cu	E E	Pt. Cloudy				6
7	74.0	29.367	.129	29.238	30.16	68.9	60.1	54	60	.417	73.8	54.8	SE	3			0	1	cu	SE	Clear				7
8	76.0	29.310	.134	29.176	30.10	76.9	65.1	58	53	.482	82.8	59.0	SW	4			0	Few	ci	NW	Clear			E.L.H.	8
9	79.0	29.330	.142	29.188	30.11	80.8	69.8	65	57	.616	88.9	64.0	SW	5			0	7	ci st	NW	Pt Cloudy			E.L.H.	9
10	82.0	29.270	.150	29.120	30.03	80.0	70.0	65	61	.616	86.9	68.8	SW	6			0	3 6	ci ast	SW W	Cloudy			E.L.H.	10
11	80.5	29.210	.146	29.064	29.97	73.0	71.0	70	91	.732	83.0	69.8	SW	6			.06	10	st	SW	Cloudy			E.L.H.	11
12	82.0	29.110	.149	28.961	29.86	78.8	68.7	64	60	.595	85.2	67.2	SW	10	26	SW	0	6	stcu	NW	Pt Cloudy			E.L.H.	12
13	83.0	29.270	.153	29.117	30.03	77.1	69.6	66	69	.638	84.9	68.8	W	1			0	3	ci	W	Clear			E.L.H.	13
14	84.0	29.050	.145	28.905	29.80	82.8	72.8	69	62	.707	88.0	66.9	S	12			0	4 4	ast st	W S	Cloudy			E.L.H.	14
15	81.0	29.200	.147	29.053	29.96	72.4	62.9	57	59	.465	80.2	65.0	W	5			0	0	0	0	Clear			E.L.H.	15
16	80.0	29.250	.145	29.105	30.02	76.2	62.7	54	47	.417	84.2	61.2	W	4			0	0	0	0	Clear			E.L.H.	16
17	79.0	29.407	.143	29.264	30.19	60.2	50.0	40	48	.247	69.8	57.9	N	8			0	0	0	0	Clear			E.L.H.	17
18	75.0	29.366	.132	29.234	30.16	59.0	50.3	43	54	.277	65.2	47.7	E	6			0	2	cist	E	Clear			E.L.H.	18
19	73.0	29.206	.126	29.080	30.01	60.0	48.2	36	41	.211	66.8	50.0	NE	7			0	7	ast	W	Pt Cloudy			E.L.H.	19
20	73.0	29.190	.126	29.064	29.98	64.0	55.8	50	60	.360	67.6	52.6	W	4			0	0	0	0	Clear			E.L.H.	20
21	71.0	29.320	.121	29.199	30.13	55.2	49.0	43	64	.277	72.7	55.2	NW	6			0	0	0	0	Clear			E.L.H.	21
22	72.0	29.058	.123	28.935	29.86	62.9	52.9	45	51	.298	70.8	46.9	SW	10			0	3	ast	N	Clear			C.L.H.	22
23	68.0	29.147	.113	29.034	29.97	46.2	40.2	32	59	.180	52.8	45.0	NW	12			T	9	stcu	NW	Cloudy			C.L.H.	23
24	68.0	29.040	.112	28.928	29.86	50.0	46.0	42	74	.266	56.8	35.3	SW	12			T	10	st	W	Cloudy			C.L.H.	24
25	70.5	29.241	.120	29.121	30.06	43.6	39.1	34	68	.195	51.9	38.6	W	7			T	3	stcu	W	Clear				25
26	72.0	29.242	.124	29.118	30.06	50.4	41.9	31	47	.172	55.2	34.2	W	4			0	7	cu	N	Pt Cldy				26
27	71.0	29.220	.121	29.099	30.03	55.0	45.0	34	44	.195	59.9	45.7	W	6			0	0	0	0	Clear			C.L.H.	27
28	71.5	29.232	.122	29.110	30.04	57.4	47.8	38	47	.228	63.3	42.6	W	3			0	1 7	cu ci st	W W	Cloudy				28
29	73.0	29.168	.126	29.042	29.97	57.9	48.1	38	48	.228	64.8	46.8	NE	5			0	1 3	a.cu cist	NE NE	Pt Cldy	B E 4:30-6:30		E.L.H.	29
30	72.5	29.177	.125	29.052	29.98	61.9	49.3	36	38	.211	67.8	44.1	SE	3			0	0	0	0	Clear			E.J.S.	30
31																									31
Sums		(a)	(a)	873.217	900.90	1937.5	1675.3	1468	1735	11.261	(a)	(a)	(a)	183	(a)	(a)	0.10	131	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.107	30.030	64.6	55.8	48.9	57.8	.375	(a)	(a)	(c) W	6.1	(a)	(a)	(a)	4.4	U cist L stcu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne Ind, for the Month of September, 1928

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending. *	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Z p.m. to Z p.m. *‡‡ In.	Snow unmelted. Z p.m. to Z p.m. *‡‡ In.	Hail, sleet, and snow on ground at Z p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Saturday 1	76	50	26	1	63																0				0	0	0	0	1
2	79	57	22	5	68				R	7:48p	DNp	R	DNp	Cont							.16				0	0	0	0	2
3	67	52	15	8	60				R	cont	DNa	R	4:25p	5:15p	R	8 50 p	9 10 p				.26				0	0	0	0	3
4	68	47	21	2	58																0				0	0	0	0	4
5	71	49	22	2	60																0				0	0	0	0	5
6	74	55	19	4	64																0				0	0	0	0	6
7	74	52	22	1	63																0				0	0	0	0	7
8	83	54	29	5	68																0				0	0	0	0	8
9	89	62	27	8	76																0				0	0	0	0	9
10	87	67	20	1	77																0				0	0	0	0	10
11	83	68	15	1	76				R	1:07P	1:17P	R	3:15P	3:20P	R	5:55P	9:15P				.07				0	0	0	0	11
12	85	65	20	1	75																0				0	0	0	0	12
13	85	66	19	1	76				R	D.NA	DNA										T				0	0	0	0	13
14	88	64	24	0	76				R	D.NA	D.NA	R	8:25P	10:00P							.07				0	0	0	0	14
15	80	64	16	4	72																0				0	0	0	0	15
16	84	58	26	1	71																0				0	0	0	0	16
17	70	50	20	11	60																0				0	0	0	0	17
18	65	45	20	5	55																0				0	0	0	0	18
19	67	46	21	1	56																0				0	0	0	0	19
20	68	52	16	4	60																0				0	0	0	0	20
21	73	48	25	0	60																0				0	0	0	0	21
22	71	44	27	2	58				R	8:35p	9:10p										T				0	0	0	0	22
23	55	41	14	10	48				R	9:50a	9:58a	R	12:07p	12:18p	R	4:08p	4:16p				T				0	0	0	0	23
24	57	34	23	2	46				R	4:10p	4:30p	R	6:00p	6:30p							T				0	0	0	0	24
25	52	37	15	2	44				R	12:04p	12:12p	R	1:02p	1:15p	R	2:15p	2:25p	R	2:55p	3:10p	T				0	0	0	0	25
26	55	32	23	0	44																0				0	0	0	0	26
27	60	40	20	6	50																0				0	0	0	0	27
28	63	38	25	0	50																0				0	0	0	0	28
29	65	45	20	5	55																0				0	0	0	0	29
30	68	41	27	1	54																0				0	0	0	0	30
31																													31
S	2162	1523	639	94	1843		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.56		Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	72.1	50.8	21.3	3.1	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.151	29.107	29.129	29.410	5	28.790	3	0.620	30.074	30.030	30.052	30.340	5	29.690	3	0.650
Corrected mean		29.124						Corrected mean		30.047					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
54.1	64.6	59.4	50.8	55.8	53.3	72.1	50.8	61.4	89	9	32	26	57	29	8	14	23

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
48.0	48.9	48.4	79.8	57.8	68.8	.356	.375	.366	0	0	0	0

CLOUDS.

Most frequent clouds: Cumulus.

Most frequent direction upper clouds: West.

Most frequent direction lower clouds: Southwest.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5487	7.6	SW	30	W	14	6	8	3	4	1	20	15	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.7	4.4	4.5	75	11	12	7	0	1	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	33 Winds. (30 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
25	24	26	2	0	2	0	29	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.56	0.41	2-3"	—	None	—	—	None	—	5	4	4	1	0	9	0	0	0	0

(w) Maximum precipitation in 5 minutes .04, date 14"; 10 minutes .06, date 3rd.; 15 minutes .08, date 3"

30 minutes 0.15, date 3"; 1 hour 0.20, date 3"; 2 hours 0.20, date 3"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None																				

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of pressure																	
3	2 45/A	1 45/A				28.790	29.69	60.0															Lowest		3
5	8 50/A	7 58/A				29.410	30.34	58.0															Highest		5

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	16	7			3	1	3	1			48	9	29	6					99	24
2											183	20	25	3	9	1			217	24
3											12	2	178	20	22	2			212	24
4	#26	#8									11	2	28	7	57	7			122	24
5	#4	#2	#123	#19	18	3													145	24
6			130	19	27	5													157	24
7			18	5	56	11	38	8											112	24
8							9	7	18	4	76	13							103	24
9											152	24							152	24
10											230	24							230	24
11											134	16	46	8					180	24
12											230	23	15	1					245	24
13	25	6			10	2	4	1			14	2	9	3	40	10			102	24
14							19	5	21	4	172	14	11	1					223	24
15											166	15	95	9					261	24
16	19	2									105	17	29	5					153	24
17	163	19	46	5															209	24
18			213	22	15	2													228	24
19			239	24															239	24
20	35	6	29	4							10	2	3	2	52	9	0	1	129	24
21											111	11	40	5	95	8			246	24
22											155	15	89	8	15	1			259	24
23													85	11	159	13			244	24
24											135	12	113	12					248	24
25	3	1									48	6	114	11	81	6			246	24
26											74	12	113	12					187	24
27											36	4	97	12	104	8			237	24
28											21	4	92	19	3	1			116	24
29	28	8	20	4	7	2	7	2	3	1	13	4	10	3					98	24
30	22	7	35	7	8	3	33	7											98	24
31																				
SUM,	341	66	853	109	144	29	113	31	42	9	2136	251	1221	158	637	66	0	1	5487	729
PERCENTAGE,	6	9	15	15	3	4	2	5	1	1	39	35	22	22	12	9	0	0	a	a
AVG. HOURLY VELOCITY,	5.2	a	7.8	a	5.0	a	3.6	a	4.7	a	8.5	a	7.7	a	9.7	a	0	a	7.6	a

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Interpolated, meteorograph stopped

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, *1928*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a m, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri State Bldg; first observation taken in present office, 7:00 a m. May 20, 1911

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1928

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	29.170	.121	29.049	29.98	49.9	47.4	45	84	.298	61.9	43.6	SE	4			0	6	a cu	N	Pt Cloudy		CLH.	1
2	70.0	29.140	.118	29.022	29.94	57.2	56.7	56	97	.448	64.2	55.6	SW	6			0.24	2	a st	W	Cloudy		CLH.	2
3	72.0	29.228	.124	29.104	30.02	55.8	55.3	55	97	.432	67.9	54.2	SE	3			0	10	Fog	SE	Foggy		CLH.	3
4	74.0	29.230	.129	29.101	30.02	67.0	65.0	64	90	.595	67.9	64.2	S	7			T	10	st cu	W	Cloudy		CLH	4
5	75.0	29.038	.131	28.907	29.82	65.0	63.2	62	91	.555	73.1	65.0	SW	10			0.40	8	st cu	W	Cloudy		CLH.	5
6	73.5	29.438	.129	29.309	30.25	51.2	45.7	40	66	.247	60.7	47.4	SW	4			0	0	0	0	Clear		CLH.	6
7	73.0	29.430	.127	29.303	30.23	51.8	47.3	43	72	.277	69.1	50.2	N	4			0	0	0	0	Clear		CLH.	7
8	72.0	29.256	.124	29.132	30.06	51.2	46.5	42	71	.266	61.2	44.6	S	8			0	8	st cu	E	Cloudy		CLH.	8
9	71.0	29.162	.121	29.041	29.96	59.6	55.8	53	79	.402	68.7	58.0	W	8			T	0	0	0	Clear		CLH.	9
10	71.0	29.381	.122	29.259	30.20	49.8	45.8	42	74	.266	57.9	46.0	SE	3			0	3	a cu	NW	Clear		CLH.	10
11	73.0	29.310	.126	29.184	30.10	62.4	55.8	51	66	.373	72.8	59.8	SW	10			0	0	0	0	Clear		CLH.	11
12	77.0	29.430	.138	29.292	30.21	64.8	61.3	59	82	.499	77.9	63.4	SW	9			0	7	ci	N	Pt. Cloudy		CLH.	12
13	77.0	29.350	.137	29.213	30.12	72.0	67.8	66	81	.638	77.1	69.8	W	6			0	8	st cu	W	Cloudy		CLH.	13
14	75.0	29.524	.133	29.391	30.33	48.6	46.9	45	89	.298	57.9	48.0	E	6			0	10	st cu	E	Cloudy		CJS	14
15	72.5	29.300	.125	29.185	30.11	50.8	49.8	49	94	.347	53.8	49.8	SE	3			0	5 2	ci st a st	E E	Pt Cloudy		CLH.	15
16	74.0	29.138	.129	29.009	29.92	66.2	65.7	65	97	.616	73.8	65.2	S	4			.23	10	st	S	Lt. Rain		CLH.	16
17	74.0	29.120	.128	28.992	29.90	66.2	65.7	65	97	.616	69.1	65.8	SW	6			.02	10 4	nb st cu	SW SW	Lt. Rain		CLH.	17
18	73.0	28.970	.125	28.845	29.74	61.2	59.7	59	92	.499	68.0	59.9	SW	11			T	6	st	SW	Cloudy		CLH.	18
19	68.0	29.024	.112	28.912	29.83	51.2	49.7	48	90	.334	55.9	50.0	SW	2			T	10	st	SW	Cloudy		CLH.	19
20	68.0	29.280	.113	29.167	30.10	46.6	44.8	43	87	.277	48.2	43.8	W	4			T	8	a cu	W	Cloudy		CLH.	20
21	69.0	29.400	.117	29.283	30.22	44.9	41.9	39	79	.237	52.1	42.9	S	3			0	3	ci	SW	Clear		CLH.	21
22	68.5	29.130	.114	29.016	29.94	57.2	52.2	48	72	.334	56.0	56.1	SW	11			T	10	a st	SW	Cloudy		CLH.	22
23	68.0	29.100	.112	28.988	29.92	46.9	44.0	41	80	.256	60.0	45.6	NW	8			T	10	st cu	NW	Cloudy		CLH.	23
24	69.0	29.130	.115	29.015	29.95	40.8	38.3	35	80	.203	51.2	39.8	SW	5			0	7	a cu	N	Pt. Cloudy		CLH.	24
25	71.0	29.200	.121	29.079	30.02	40.0	37.5	34	80	.195	50.3	38.4	W	8			T	SW	cu	W	Clear		CLH.	25
26	72.0	29.540	.125	29.415	30.36	38.0	37.0	36	91	.211	43.8	35.0	NW	2			0	2 2	a cu cu	N W	Pt. Cloudy		PAL.	26
27	74.0	29.388	.130	29.258	30.20	43.5	40.8	38	80	.228	46.1	43.0	SE	6			.02	10	st	SE	Cloudy		PAL.	27
28	68.5	29.409	.115	29.294	30.23	37.9	35.8	33	82	.187	48.8	37.3	W	10			T	1 5	ci st st cu	NW NW	Pt. Cloudy		CJS.	28
29	69.5	29.612	.118	29.494	30.44	36.5	34.0	30	78	.164	42.8	34.9	N	4			T	10	st cu	N	Cloudy		PAL.	29
30	71.0	29.678	.123	29.555	30.52	27.0	26.2	25	90	.130	37.8	26.6	E	2			0	1	ci	N	Clear		PAL.	30
31	70.0	29.516	.114	29.397	30.35	32.5	30.0	26	75	.136	43.9	31.5	SW	5			0	0	0	0	Clear		PAL.	31
Sums	(a)	(a)	(a)	904.211	93.299	1593.7	1513.6	1437	2583	10.564	(a)	(a)	(a)	182	(a)	(a)	0.91	184	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.168	30.096	51.4	48.8	46.4	83.3	.341	(a)	(a)	(c) SW	5.9	(a)	(a)	(a)	5.9	U a. cu. L st cu	UW LW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1928

Number of Station barometer, 6.56; sum of corrections, -.002 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.111	.120	28.991	29.92	64.2	53.7	45	50	.298	70.0	49.9	SW	7			0	9	ast	SW	Cloudy				1
2	72.0	29.181	.124	29.057	29.98	67.9	61.1	57	68	.465	74.3	57.2	0	0			0	4	stcu	W	Pt Cloudy				2
3	74.0	29.242	.129	29.113	30.03	67.9	65.0	63	86	.575	74.1	55.8	SW	10			0.10	4 5	cu stcu	SW SW	Cloudy	B 7:45A E 11:00A	4:20 A.P. 7:45 A		3
4	75.0	29.094	.131	28.963	29.87	73.1	67.8	66	77	.638	79.7	67.0	S	11			.01	0	0	0	Clear				4
5	74.5	29.352	.130	29.222	30.14	60.7	51.9	44	55	.287	69.1	60.7	NW	4			0	0	0	0	Clear				5
6	73.5	29.303	.128	29.175	30.10	69.1	55.0	45	40	.298	76.9	51.2	W	8			0	1	acu	W	Clear				6
7	73.5	29.348	.128	29.220	30.15	61.2	49.0	36	39	.211	69.8	51.8	E	4			0	0	0	0	Clear				7
8	72.0	29.032	.123	28.909	29.83	67.7	58.4	52	58	.387	70.0	51.2	SW	16			T	4	acu	SW	Pt Cloudy				8
9	72.0	29.324	.124	29.200	30.12	57.9	43.9	26	28	.136	73.4	52.9	NW	6			0	0	0	0	Clear				9
10	74.0	29.272	.129	29.143	30.06	72.8	56.9	44	36	.287	81.6	49.8	S	7			0	3	cist	SW	Clear				10
11	76.0	29.347	.134	29.213	30.13	77.9	65.1	58	50	.482	88.1	62.4	SW	8			0	3	cu	SW	Clear				11
12	77.5	29.332	.138	29.194	30.11	77.1	66.1	60	56	.517	81.9	64.8	SW	11			0	3 3	cist cu	SW SW	Pt Cloudy				12
13	76.0	29.481	.135	29.346	30.28	57.9	55.0	53	84	.402	72.7	57.9	N	7			T	10	stcu	N	Cloudy				13
14	74.0	29.392	.130	29.262	30.20	53.8	50.2	47	78	.322	60.0	48.6	SE	4			0	4	stcu	SE	Pt Cloudy				14
15	74.0	29.199	.129	29.070	29.99	73.8	66.1	62	67	.555	81.1	50.8	SW	12			T	10	stcu	SW	Lt Rain				15
16	74.0	29.079	.128	28.951	29.86	69.1	66.3	65	87	.616	71.2	66.2	SW	12			0.32	10	stcu	SW	Lt. Rain				16
17	73.5	29.014	.127	28.887	29.80	67.8	66.3	66	93	.638	69.2	66.2	SE	8			.02	9	cu	SW	Cloudy				17
18	70.0	29.111	.118	28.993	29.91	55.9	51.9	49	77	.347	61.2	55.0	SW	9			0.11	10	stcu	W	Cloudy				18
19	69.0	29.199	.116	29.083	30.01	48.2	44.1	40	73	.247	54.6	48.2	W	8			T	6	stcu	W	Pt Cloudy				19
20	71.0	29.337	.121	29.216	30.15	52.1	45.1	37	58	.219	58.8	46.6	SW	5			0	0	0	0	Clear				20
21	73.0	29.226	.126	29.100	30.03	62.0	52.0	43	50	.277	68.8	44.9	S	9			0	10	cist	W	Cloudy				21
22	70.0	28.931	.118	28.813	29.72	60.0	58.9	58	94	.482	67.1	57.2	SW	13			0.29	2 7	cu stcu	SW SW	Cloudy				22
23	71.0	29.102	.120	28.982	29.91	51.2	44.1	36	57	.211	52.0	46.3	W	3			0	7	acu	W	Pt Cloudy				23
24	70.0	29.163	.118	29.045	29.98	50.3	41.8	31	47	.172	58.1	40.8	W	8			T	1	cu	W	Clear				24
25	73.0	29.388	.127	29.261	30.21	43.8	38.9	32	65	.180	48.9	40.0	NW	6			T	2	cu	NW	Clear				25
26	74.0	29.573	.130	29.443	30.39	46.1	40.2	33	60	.187	51.1	38.0	SE	4			0	9	acu	W	Cloudy				26
27	73.0	29.312	.126	29.186	30.12	48.1	46.0	44	86	.287	48.1	41.2	NW	8			.07	10	st	W	Cloudy	7:05A 11:00A			27
28	68.0	29.535	.114	29.421	30.37	42.8	37.9	31	64	.172	44.9	37.9	NW	7			T	10	stcu	NW	Cloudy				28
29	73.0	29.641	.127	29.514	30.47	37.8	33.0	26	60	.136	44.1	36.5	NW	6			0	Few	cu	NW	Clear				29
30	73.0	29.524	.127	29.397	30.36	43.9	36.1	24	45	.124	47.6	27.0	SW	3			0	9	ci	SW	Cloudy				30
31	73.5	29.501	.129	29.372	30.32	48.9	40.9	31	49	.172	53.8	32.5	SW	3			0	6	cist	SW	Pt Cloudy				31
Sums		(a)	(a)	910.374	932.52	1831.0	1608.7	1404	1937	10.327	(a)	(a)	(a)	227	(a)	(a)	0.92	171	(a)	(a)	(a)	2	1	(a)	(a)
Means		(a)	(a)	29.153	30.081	59.1	51.9	45.3	62.5	.333	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	5.5	U: St Ac Ci SW L: St Cu	L, SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1928

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡ In.	Snow unmelted. Zp.m. to Zp.m. *‡‡ In.	Hail, sleet, and snow on ground at Zp.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Monday 1	70	44	26	3	57				R	8:15p	10:15p	R	DNp	cont							.01				0	0	0	0	1
2	74	56	18	8	65				R	cont.	4:50a										.23				0	0	0	0	2
3	74	54	20	1	64				R	3:40p	3:55p	R	4:16p	4:35p							.10				0	0	0	0	3
4	80	64	16	8	72				R	DNa	DNa	R	9:31a	9:40a							.01				0	0	0	0	4
5	70	52	18	11	61				R	DNa	4:40a										.40				0	0	0	0	5
6	77	47	30	1	62																0				0	0	0	0	6
7	70	50	20	2	60																0				0	0	0	0	7
8	70	48 (45)	24 (25)	2	58				R	7:15a	8:10a	R	10:35a	11:20a	R	12:50p	1:23p	R	9:56p	10:19p	T				0	0	0	0	8
9	73	52	21	2	62																0				0	0	0	0	9
10	82	46	36	2	64																0				0	0	0	0	10
11	88	60	28	10	74																0				0	0	0	0	11
12	82	63	19	2	72																0				0	0	0	0	12
13	73	54	19	8	64				R	7:15a	7:20a										T				0	0	0	0	13
14	60	48	12	10	54																0				0	0	0	0	14
15	81	47 (50)	32 (31)	11	63 (64)				R	6:15p	9:30p	R	10:15p	10:45p							.01				0	0	0	0	15
16	71	65	6	3	68				R	DNa	12:15p	R	6:23p	7:03p							.54				0	0	0	0	16
17	69	66	3	0	68				R	DNa	7:15a	R	11:30a	1:15p	R	4:40p	6:00p				.04				0	0	0	0	17
18	66	51	15	10	58				R	10:35p	cont	R	8:37a	9:40a	R	11:15a	11:23a	R	7:02p	7:30p	.11				0	0	0	0	18
19	55	44	11	8	50				R	DNa	DNa	R	8:00a	10:15a	R	12:18p	12:23p				T				0	0	0	0	19
20	59	44	15	2	52				R	DNa	DNa										T				0	0	0	0	20
21	69	43	26	4	56																0				0	0	0	0	21
22	67	48	19	2	58				R	DNa	DNa	R	12:09p	6:37p	R	DNp	DNp				.29				0	0	0	0	22
23	52	40	6	9	49				R	9:45a	9:48a										T				0	0	0	0	23
24	58	40	18	0	49				R	12:58p	1:05p	R	10:55p	11:00p							T				0	0	0	0	24
25	49	38	11	5	44				R	10:24a	10:37a	R	10:37a	10:41a	R	10:41a	10:45a				T				T	0	0	T	25
26	51	35	16	1	43				R	10:56p	DNp										T				0	0	0	0	26
27	49	41	8	2	45				R	DNa	6:35a	R	7:10a	10:15a							.09				0	0	0	0	27
28	45 (48)	37	8 (11)	4	47 (42)				R	DNa	DNa	R	3:00p	3:05p							T				0	0	0	0	28
29	44	32	12	3	38				R	DNa	DNa										T				0	0	0	0	29
30	48	27	21	0	38																0				0	0	0	0	30
31	54	32	22	5	43																0				0	0	0	0	31
S	2030 (2033)	1474	556 (559)	139	1754 (1756)		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.83		Total excess or deficiency since Jan. 1,		T		(a)	(a)	(a)
M	65.5 (65.6)	47.5	18.9 (18.0)	4.5	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1928

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -0.06)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.168	29.153	29.160	29.555	30	28.813	22	0.742	30.096	30.081	30.088	30.52	30	29.72	22	0.80
Corrected mean		29.154						Corrected mean		30.082					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
51.4	59.1	55.2	48.8	51.9	50.4	65.5	47.5	56.5	88	11	27	30	61	36	10	3	17

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
46.4	45.3	45.8	83.3	62.5	72.9	.341	.333	.337	0	0	3	0

CLOUDS.

Most frequent clouds: Strato-Cumulus.

Most frequent direction upper clouds: Southwest.

Most frequent direction lower clouds: West.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5658	7.6	SW	27	NW	24	3	0	3	8	7	23	9	8	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.9	5.5	6.3	44/0	7	8	16	0	2	9

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	33 Winds. (~~40~~ miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	5-8	0	12-	21-31	3-27	3	0	0	29th.	0	25-	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.83	0.55	15+16	—	—	—	—	—	—	10	11	8	3	0	21	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.17, date 5th; 10 minutes 0.18, date 5th; 15 minutes 0.19, date 5th.

30 minutes 0.22, date 5th; 1 hour 0.26, date 5th; 2 hours 0.33, date 5th.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
									None											

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
7	2:00pm	1:00pm	74.0	29.167	.129	29.038	29.85	77.2	68.7	64	13.2	65	77.2	SW	12			.01	7	stcu	SW	Pt. Cloudy	Pressure change -.06	CH	7
8	2:00pm	1:00pm	73.0	29.119	.126	28.993	29.91	66.2	58.0	53	13.2	61	69.8	SW	13			T	10	stcu	SW	Lt. Rain	Pressure change -.06	CH	8
11	2:00pm	1:00pm	75.0	29.300	.132	29.168	30.08	87.0	68.0	58	29.0	38	87.0	W	11			0	3	cu	W	Clear	Pressure change -.04	CLH	11

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							13	3	45	8	136	13							196	24
2							7	3	3	2	61	7	30	7	19	4	0	1	120	24
3							20	5	73	15	29	4							122	24
4									109	14	123	10							232	24
5									15	1	85	7	38	5	124	11			262	24
6	13	3							10	1	62	7	98	12	2	1			185	24
7	16	4	20	4	58	11	8	2							9	3			111	24
8							33	7	19	3	164	12	18	2					234	24
9	11	3											66	9	144	11	0	1	221	24
10	2	2	1	1			19	5	52	6	112	10							186	24
11											202	22	23	2					225	24
12											247	24							247	24
13	48	5	39	5							65	6	17	2	61	6			230	24
14			53	7	35	7	30	10											118	24
15							18	7	33	5	80	12							131	24
16							7	2	55	8	98	14							160	24
17							27	4	51	8	75	12							153	24
18											190	18	71	6					261	24
19											45	8	192	16					237	24
20											35	7	118	17					153	24
21									160	18	40	6							200	24
22									32	3	180	17	12	1	37	3			261	24
23											14	2	78	14	59	8			151	24
24	12	1									13	2	110	14	97	7			232	24
25													116	14	105	10			221	24
26			32	7	13	3	28	6					18	5	9	3			100	24
27					7	2	48	9			10	2	61	8	22	3			148	24
28	25	4											106	12	61	8			192	24
29	44	12	4	1											87	11			135	24
30			11	2	19	6	6	2	5	1	64	13							105	24
31									12	4	97	17	20	3					129	24
SUM,	171	34	160	27	132	29	264	65	674	97	2229	252	1192	149	836	89	0	2	5658	744
PERCENTAGE,	3	4	3	4	2	4	5	9	12	13	39	34	21	20	15	12	0	0	a	a
AVG. HOURLY VELOCITY,	5.0	a	5.9	a	4.6	a	4.1	a	6.9	a	8.8	a	8.0	a	9.4	a	0	a	7.6	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of NOV 1928, *192*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 29, 1911 7:00 a m, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, room 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a m. May 29 1911

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1928, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.5	29.526	.126	29.400	30.35	38.0	34.5	30	71	.164	48.9	37.0	SE	3			0	10 10	Lt. Fog a st	0 E	Cloudy		P.A.L.	1
2	73.0	29.404	.127	29.277	30.22	43.5	43.0	42	96	.266	45.8	43.0	E	15			0.14	10	nb	E	Lt. Rain		P.A.L.	2
3	72.0	29.050	.123	28.927	29.86	48.0	46.5	45	90	.298	51.0	45.8	SW	8			.04	10	st	SW	[illegible]		P.A.L.	3
4	70.0	29.080	.118	28.962	29.90	35.6	34.6	34	91	.195	45.1	34.8	W	6			T	6	a st	W	Pt Cloudy		C.L.H.	4
5	70.5	29.210	.120	29.090	30.03	37.5	34.0	29	70	.157	45.8	36.5	SW	7			0	4 4	ci st a cu	SW SW	Cloudy		P.A.L.	5
6	68.0	29.086	.112	28.974	29.90	46.0	42.2	38	73	.228	50.2	46.0	NW	10			0	0	0	0	Clear		P.A.L.	6
7	69.5	29.186	.117	29.069	30.01	42.0	37.5	31	64	.172	51.6	39.0	S	4			0	2 5	a cu a st	W W	Pt. Cloudy		P.A.L.	7
8	70.0	29.106	.118	28.988	29.93	42.0	41.4	41	95	.256	52.1	41.6	NW	5			.02	3 6	a st st cu	N N	Clear		P.A.L.	8
9	70.5	29.440	.121	29.319	30.27	34.1	32.1	29	81	.157	41.3	33.5	NE	8			0	10	st cu	N	Cloudy		P.A.L.	9
10	71.0	29.444	.122	29.322	30.27	32.2	30.1	27	78	.143	37.9	31.8	NE	3			.07	10	st	N	Lt. Snow		P.A.L.	10
11	69.0	29.399	.118	29.279	30.23	34.9	33.3	31	85	.172	42.1	33.2	SW	9			0	4 7	a st a cu st	SW SW SW	Cloudy		C.S.	11
12	69.0	29.172	.116	29.056	30.00	44.6	41.1	37	75	.219	49.5	44.0	NW	14			T	4 5	a cu st cu	NW NW	Cloudy		P.A.L.	12
13	69.0	29.610	.117	29.493	30.45	31.0	29.5	27	84	.143	42.1	30.5	0	0			0	4	ci	N	Pt Cloudy		P.A.L.	13
14	70.0	29.390	.119	29.271	30.21	43.6	38.1	31	61	.172	45.3	40.4	SW	10			0	4 4	ci st a st	S S	Cloudy		P.A.L.	14
15	71.0	29.290	.121	29.169	30.10	59.0	56.0	54	83	.417	60.8	53.8	SW	16			T	2	st cu	SW	Clear		P.A.L.	15
16	72.0	29.330	.124	29.206	30.13	59.0	57.0	56	89	.448	61.9	59.0	SW	7			.01	10	st	SW	Cloudy		P.A.L.	16
17	70.5	29.040	.119	28.921	29.84	60.0	55.2	51	74	.373	61.6	59.9	SW	12			T	3 6	a st st	SW SW	Cloudy		P.A.L.	17
18	70.0	29.106	.118	28.988	29.92	41.4	39.4	37	84	.219	58.7	41.4	W	12			T	10	st	W	Cloudy		C.L.H.	18
19	69.0	28.955	.115	28.840	29.77	34.1	33.6	33	95	.187	41.8	33.5	N	4			.22	10	st	N	Lt. Snow		P.A.L.	19
20	68.0	29.228	.113	29.115	30.07	30.7	30.2	30	95	.164	35.3	30.0	W	8			.11	10	st	W	Lt. Snow		P.A.L.	20
21	67.0	29.036	.110	28.926	29.88	31.0	28.9	26	78	.136	32.0	30.2	SW	14			0	4	ci st	W	Pt Cloudy		P.A.L.	21
22	67.0	29.064	.110	28.954	29.90	34.1	33.6	33	95	.187	38.6	33.4	NW	9			.04	2 7	st cu st	NW NW	Lt. Snow		P.A.L.	22
23	69.5	29.558	.118	29.440	30.40	29.0	28.5	28	94	.150	33.1	28.3	W	6			T	2	ci st	SW	Clear		P.A.L.	23
24	67.5	29.182	.112	29.070	30.02	35.1	33.1	30	82	.164	38.2	35.1	W	6			0	2 3	ci ci cu	W W	Pt. Cloudy		P.A.L.	24
25	68.0	29.481	.114	29.367	30.33	22.9	20.8	16	72	.085	33.8	22.1	NW	10			.01	9	st cu	NW	Cloudy		C.S.	25
26	69.0	29.520	.117	29.403	30.37	21.8	19.3	13	65	.074	23.8	20.0	SW	12			T	10	a st	NW	Cloudy		C.L.H.	26
27	74.0	29.360	.129	29.231	30.17	30.4	28.1	24	75	.124	34.9	28.4	SW	8			0	10 10	a st Lt Fog	W 0	Cloudy		C.L.H.	27
28	73.0	29.378	.127	29.251	30.20	35.2	34.7	34	95	.195	37.2	33.8	SW	8			.04	10	st	SW	Cloudy		C.L.H.	28
29	75.0	29.403	.133	29.270	30.22	39.8	39.2	39	95	.237	41.8	39.8	SW	2			0	10	st	SW	Cloudy		C.L.H.	29
30	76.0	28.777	.132	28.645	29.56	52.2	51.0	50	93	.360	52.2	40.2	SW	12			.11	10	st cu	W	Cloudy		C.L.H.	30
31																								31
Sums		(a)	(a)	874.223	902.51	1168.7	1106.2	1026	2478	6.262	(a)	(a)	(a)	248	(a)	(a)	0.81	240	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.141	30.084	39.0	36.9	34.2	82.6	.209	(a)	(a)	(c) SW	8.3	(a)	(a)	(a)	8.0	U Q-St L St+	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.478	.130	29.348	30.30	45.8	41.9	37	72	.219	52.3	38.0	NE	6			.01	10	st	NE	Lt Rain	B6:20A E9:45A			1
2	75.0	29.211	.132	29.079	30.02	45.8	45.6	45	98	.298	46.1	43.5	E	10			.20	10	st	E	Misting	B7:20A E11:00A			2
3	74.0	29.071	.128	28.943	29.87	45.1	44.3	44	94	.287	48.0	43.2	NW	6			.02	10	st	NW	Cloudy	B8:00A E5:00P			3
4	72.0	29.152	.124	29.028	29.97	45.8	38.3	28	49	.150	55.0	35.6	SW	6			0	0	0	0	Clear				4
5	71.0	29.022	.120	28.902	29.83	50.2	44.2	37	62	.219	58.0	37.5	SW	14			0	3 4	ast acu	SW SW	Pt Cloudy				5
6	71.5	29.206	.122	29.084	30.01	51.6	41.2	27	38	.143	58.2	46.0	W	4			0	1 3	acu ci	W W	Pt. Cloudy				6
7	72.0	28.929	.123	28.806	29.73	52.1	51.9	52	99	.387	54.1	42.0	SW	12			.08	10	st	SW	Lt. Rain				7
8	73.0	29.329	.126	29.203	30.14	41.3	38.8	35	80	.203	49.6	41.3	NW	6			T	2	cu	NW	Clear				8
9	74.0	29.474	.130	29.344	30.29	37.9	34.9	31	75	.172	39.9	33.0	NE	6			T	10	st	NE	Cloudy				9
10	73.0	29.427	.127	29.300	30.25	42.1	38.3	34	71	.195	43.8	32.2	NW	3			T	10	st	NW	Cloudy				10
11	70.0	29.136	.118	29.018	29.96	48.1	42.9	37	65	.219	51.9	34.9	SW	10			0	10	stcu	SW	Cloudy				11
12	71.5	29.445	.123	29.322	30.26	42.1	37.9	33	68	.187	48.3	42.1	N	10			T	5	cu	N	Pt Cloudy				12
13	73.0	29.471	.127	29.344	30.29	45.3	39.4	32	60	.180	52.2	31.0	S	9			0	4	cist	SW	Pt. Cloudy				13
14	71.0	29.279	.121	29.158	30.09	53.8	45.8	38	54	.228	56.0	43.6	S	17			T	10	stcu	S	Cloudy				14
15	71.0	29.373	.121	29.252	30.18	61.9	59.1	57	85	.465	68.9	59.0	SW	10			0	9	stcu	SW	Cloudy				15
16	72.0	29.206	.124	29.082	30.00	59.9	58.2	58	91	.482	60.2	57.3	SW	10			0.86	10	st	SW	Lt. Rain				16
17	72.0	28.874	.122	28.752	29.66	58.7	54.2	51	75	.373	69.8	58.2	SW	15			0.42	0	0	0	Clear				17
18	69.0	29.130	.116	29.014	29.95	41.8	40.0	38	86	.228	42.8	41.4	W	4			T	10	st	W	Cloudy				18
19	68.0	29.093	.112	28.981	29.93	35.3	34.1	32	89	.180	40.3	34.1	W	13			.10	10	stcu	W	Lt. Snow				19
20	72.0	29.353	.124	29.229	30.18	32.0	29.1	24	70	.124	35.9	29.0	W	12			.01	10	stcu	W	Cloudy				20
21	69.5	28.881	.116	28.765	29.70	38.6	36.0	32	79	.180	38.9	31.0	W	24			.11	7	stcu	NW	Pt Cloudy				21
22	71.0	29.422	.122	29.300	30.25	33.1	31.1	28	80	.150	36.5	32.2	N	12			.05	4 6	cu stcu	N N	Cloudy				22
23	73.0	29.289	.126	29.163	30.10	37.1	32.8	26	64	.136	40.6	28.8	SW	16			0	0	0	0	Clear				23
24	71.0	29.318	.121	29.197	30.14	33.8	32.8	32	90	.180	44.1	33.8	NW	10			T	10	stcu	NW	Lt. Snow				24
25	67.5	29.575	.113	29.462	30.43	23.8	22.5	20	83	.103	25.1	22.9	NW	12			T	10	st	NW	Lt. Snow				25
26	71.0	29.358	.121	29.237	30.19	34.9	29.1	19	47	.098	38.1	21.8	W	11			0	Fu	cist	NW	Clear				26
27	74.0	29.381	.130	29.251	30.20	37.2	35.8	34	88	.195	42.7	30.4	SW	12			T	10	st	SW	Lt. Rain				27
28	74.0	29.404	.130	29.274	30.22	41.8	39.6	37	83	.219	42.1	35.2	W	4			T	10	st	W	Cloudy	B5:40A E8:00A			28
29	71.5	29.212	.122	29.090	30.03	41.6	39.9	38	87	.228	43.3	39.8	SE	4			0	10	st	SE	Cloudy	B8:NA E8:NA			29
30	72.0	28.917	.123	28.794	29.71	36.3	34.9	33	89	.187	52.2	35.3	W	16			T	10	st	W	Cloudy				30
31																									31
Sums	(a)	(a)	(a)	873.722	901.88	1294.8	1194.6	1069	2271	6615	(a)	(a)	(a)	304	(a)	(a)	1.86	228	(a)	(a)	(a)	5	0	(a)	(a)
Means	(a)	(a)	(a)	29.124	30.063	43.2	39.8	35.6	75.7	220	(a)	(a)	(c) SW	10.1	(a)	(a)	(a)	7.6	U cu L st	U SW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1928, 192

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Z p.m. to Z p.m. *‡‡ In.	Snow unmelted. Z p.m. to Z p.m. *‡‡ In.	Hail, sleet, and snow on ground at Z p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Thursday 1	53	37	16	2	45				R	5:30p	DNp										.06				0	0	0	0	1
2	47	43	4	0	45				R	DNa	Cont										.33				0	0	0	0	2
3	51	43	8	2	47				R	Cont.	DNa	R	7:33a	10:15a	R	7:05p	7:15p				.02				0	0	0	0	3
4	55	35	20	2	45																0				0	0	0	0	4
5	58	36	22	2	47																0				0	0	0	0	5
6	58	44	14	4	51																0				0	0	0	0	6
7	54	39	15	5	46				R	9:29a	2:30p	R	5:30p	DNR							.10				0	0	0	0	7
8	50	38	12	2	44				R	10:17a	10:25a	R	11:56a	11:59a							T				0	0	0	0	8
9	40	33	7	8	36				S^M	10:10p	cont										T				0	0	0	T	9
10	44	32	12	2	38				S^M	cont.	7:30a										.07				0	1.2	0	.07	10
11	52	33	19	4	42																0				0	0	0	0	11
12	48	36	12	0	42				R	6:25a	6:45a	R	7:00a	7:10a	R	12:20p	12:25p	R	6:15p	6:20p	T				0	0	0	0	12
13	52	30	22	1	41																0				0	0	0	0	13
14	57	41	16	8	49				R	4:50p	5:30p										T				0	0	0	0	14
15	69	57	12	14	63				R	DNa	DNa										T				0	0	0	0	15
16	62	57	5	3	60				R	7:20a	7:30p	R	DNa	DNa							0.87				0	0	0	0	16
17	70	52	18	1	61				R	DNa	DNa	R	12:52p	1:00p	R	1:28p	5:26p				0.42				0	0	0	0	17
18	52	40	12	15	46				R	DNa	DNa	R	10:10a	10:30a	R	5:10p	5:30p				T				0	0	0	0	18
19	40	33	7	10	36				R	12:30a	5:40a	S^M	5:40a	10:30a	R	10:30a	12:45p	S^M	6:25p	cont	0.35				0	1.3#	0	0.15	19
20	36	29	7	4	32				S^M	cont	9:30a	S^M	10:45a	12:40p	S^M	2:18p	3:15p				0.09				0	1.5	0	0.09	20
21	39	30	9	2	34				S^M	11:06a	2:10p	S^M	4:02p	5:10p	R	5:10p	5:45p	S^M	10:45p	11:15p	0.11				0	0.8#	0	0.11	21
22	36	31	5	0	34				S^M	3:50p	4:05p	S^M	7:10p	9:45p	S^M	12:10p	1:23p	S^M	1:54p	2:21p	0.09				0	1.0	0	0.09	22
23	41	28	13	0	34				S^M	DNa	11:10a	S^M	11:38a	11:50a							0				0	T	0	D	23
24	44	32	12	4	38				S^M	5:15p	10:00p										T				0	0.1	T	T	24
25	32	22	10	11	27				S^D	DNa	DNa	S^D	7:18a	7:25a	S^D	9:55a	11:15p				.01				0	1.0	0.5	.01	25
26	38	20	18	2	29																0				0	0.1	0	0	26
27	43	28	15	7	36				R	5:45p	8:05p	S^M	8:05p	8:45p	R	8:45p	9:20p	S^M	9:20p		.03				0	0	0	0.02	27
28	42	34	8	2	38				R	DNa	DNa	R	10:26a	11:00a							.01				0	0.5	0	0	28
29	43	40	3	4	42				R	7:10p	Cont										.03				0	0	0	0	29
30	52	35	17	2	44				R	Cont	6:15a	R	11:34a	2:00p	R	8:10p	8:35p				.08				0	0	0	0	30
31																													31
S	1458	1088	370	123	1272		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.67		Total excess or deficiency since Jan. 1,			7.5	(a)	(a)	(a)
M	48.6	36.3	12.3	4.1	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) # Partly melted as fell. Q Estimated amounts before and after midnight.

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SUMMARY FOR THE MONTH OF NOV 1928, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean 7.007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.141	29.124	29.132	29.493	13	*28.610	30	0.883	30.084	30.063	30.074	30.45	13	*29.53	30	0.92
Corrected mean		29.125						Corrected mean		30.067					

* From barograph trace.

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
39.0	43.2	41.1	36.9	39.8	38.4	48.6	36.3	42.4	70	17	20	26	50	22	13	3	29

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
34.2	35.6	34.9	82.6	75.7	79.2	.209	.220	.214	1	0	9	0

CLOUDS.

Most frequent clouds: Stratus

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7074	9.8	SW	29	N	12	3	4	2	2	3	22	13	10	1

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.0	7.6	7.7	35%	4	7	19	0	0	16

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	1.2.3.29.	0	—	—	—	—	—	—

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.67	0.87	16	—	—	—	—	—	—	7	16	11	4	0	23	9	7	7.5	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

* Tipping bucket gage not in use.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None.													

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

Esle L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1928, 1928

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	12 Noon	11:00a	74.5	29.512	.131	29.381	30.33	50.8	41.8	31	19.8	45	50.8	SE	4			0	10	2 st	S	Cloudy		CLH.	1
2	12 Noon	11:00a	75.0	29.352	.132	29.220	30.15	44.8	44.3	44	0.8	96	44.8	E	10			0.18	10	st	E	Lt. Rain		CLH.	2
7	12 Noon	11:00a	74.0	29.116	.128	28.988	29.92	50.0	43.9	37	13.0	61	50.0	SW	10			T	10	st	SW	Lt. Rain		[illegible]	7
14	12 Noon	11:00a	76.0	29.370	.134	29.236	30.17	55.0	45.5	35	20.0	47	55.0	SW	12			0	10	2 st	W	Cloudy		CLH.	14
19	2:00p	1:00p	72.0	28.940	.123	28.817	29.75	39.8	37.3	34	5.8	80	39.8	W	12			0.10	10	st	W	Cloudy		CLH	19
										Extremes of pressure															
30	1:00 PM	12:00 Noon				28.610	29.53	44.0																	30

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1928, 1928

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1			22	3	62	9	18	6	10	5							0	1	112	24
2					238	24													238	24
3	30	5					2	1	4	1	71	9	37	5	20	3			164	24
4	15	3									41	6	125	15					181	24
5											274	24							274	24
6											84	8	116	12	52	4			252	24
7									30	4	153	18			30	2			213	24
8	42	4											5	2	175	18			222	24
9	3	1	113	18	13	3							2	1	3	1			134	24
10	19	4	37	9	4	1					23	4	4	1	23	5			110	24
11									93	7	158	15	18	2					269	24
12	39	5											25	2	298	17			362	24
13	9	3	5	3	1	1			95	12	32	4			1	1			143	24
14									44	6	269	17	12	1					325	24
15											336	22	39	2					375	24
16											267	24							267	24
17									6	1	321	21	28	2					355	24
18													179	23	6	1			185	24
19	13	3	18	4									134	14	12	3			177	24
20													201	21	22	3			223	24
21											185	11	177	13					362	24
22	67	5											82	8	109	11			258	24
23											218	15	37	7	14	2			269	24
24											36	3	41	6	180	15			257	24
25	28	2											39	5	190	17			257	24
26											104	9	174	15					278	24
27											227	24							227	24
28											142	16	44	8					186	24
29					30	5	29	8	3	2	15	5	14	4					91	24
30					12	2	16	3	8	1	44	3	228	15					308	24
31																				
SUM,	265	35	195	37	360	45	65	18	293	39	3000	258	1761	184	1135	103	0	1	7074	720
PERCENTAGE,	4	5	3	5	5	6	1	3	4	5	42	36	25	26	16	14	0	0	a	a
AVG. HOURLY VELOCITY,	7.6	a	5.3	a	8.0	a	3.6	a	7.5	a	11.6	a	9.6	a	11.0	a	0	a	9.8	a

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of DEC 1928, *192*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 8558; No. of wet thermometer in use, 6230; No. of maximum thermometer in use, 23396; No. of minimum thermometer in use, 14577

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower)

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a m, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun and Berry street, rooms 911-12 Tri State Bldg.; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1928, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.0	29.068	.128	28.940	29.89	32.7	31.0	28	83	.150	36.3	30.1	W	8			T	10	a cu	W	Cloudy		CLH	1
2	72.5	29.208	.125	29.083	30.03	31.9	30.9	30	90	.164	33.8	30.5	E	6			0	10	a cu	W	Cloudy		CLH	2
3	68.5	28.906	.114	28.792	29.72	40.8	35.8	29	62	.157	47.1	40.4	SW	24			T	10	st cu	W	Cloudy		PAL	3
4	73.0	29.288	.126	29.162	30.10	33.0	31.5	29	85	.157	36.1	32.6	W	4			T	10	a st	W	Cloudy		PAL	4
5	71.0	29.456	.122	29.334	30.29	16.1	14.9	11	79	.066	33.6	16.0	NW	9			T	5 5	a st st cu	W W	Lt. Show		PAL	5
6	73.0	29.534	.127	29.407	30.38	16.0	15.4	14	90	.077	20.9	15.0	SW	9			0	0	0	0	Clear		PAL	6
7	73.0	29.340	.126	29.214	30.17	24.1	23.6	23	94	.118	29.9	23.2	SW	4			0	4 5	a cu a st	W W	Cloudy		PAL	7
8	75.0	29.628	.134	29.494	30.46	13.8	13.2	12	89	.070	27.1	13.3	N	4			T	2	ci st	N	Clear		PAL	8
9	70.0	29.482	.119	29.363	30.33	17.9	16.1	11	72	.066	27.1	16.8	SW	7			0	1 2	ci ci st	SW SW	Clear		CL	9
10	69.5	29.316	.117	29.199	30.15	24.8	23.8	22	87	.113	30.8	24.2	SW	4			0	10 0	Lt. Fog 0	SW 0	Clear		PAL	10
11	70.0	29.436	.119	29.317	30.27	28.2	27.7	27	94	.143	38.2	27.6	SW	7			0	0	0	0	Clear		PAL	11
12	71.0	29.498	.122	29.376	30.33	36.1	33.6	30	78	.164	45.8	34.5	SE	2			T	5 3	a st st cu	S S	Cloudy		PAL	12
13	72.0	29.430	.125	29.305	30.25	40.9	39.9	39	92	.237	44.9	40.1	E	3			T	6 4	a st st cu	SE SE	Cloudy		PAL	13
14	72.0	29.194	.124	29.070	30.01	46.4	45.9	45	96	.298	47.1	44.2	SE	1			0.66	10	Dense Fog	SE	Foggy		PAL	14
15	73.0	29.482	.127	29.355	30.31	43.4	42.9	42	96	.266	43.8	42.5	SN	4			T	10 10	Nt Dense Fog	SW SW	Nt Fog Fog		PAL	15
16	70.0	29.340	.119	29.221	30.15	43.9	42.9	42	93	.266	45.9	42.4	SW	5			0	10	st	SW	Cloudy		CL	16
17	70.0	28.742	.117	28.625	29.55	47.1	46.6	46	96	.310	47.1	46.2	SW	8			0.31	10	st	SW	Lt. Rain		PAL	17
18	72.0	29.006	.123	28.883	29.83	25.0	23.5	21	81	.108	32.9	24.6	W	13			T	10	st cu	W	Cloudy		PAL	18
19	67.0	29.112	.110	29.002	29.95	30.1	29.1	27	89	.143	34.8	29.6	SW	8			0	3	ci cu	W	Clear		PAL	19
20	71.0	29.174	.121	29.053	30.01	22.9	20.9	16	73	.085	28.1	22.1	W	10			T	10	st cu	W	Lt. Snow		PAL	20
21	75.5	29.476	.134	29.342	30.32	7.1	5.9	0	71	.038	13.1	6.2	W	6			0	2	cu	SW	Clear		PAL	21
22	~~75.0~~ 73.5	~~29.494~~ 29.495	~~.126~~ .129	29.366	30.34	18.9	16.3	9	60	.060	18.9	16.2	W	5			0	10	st cu	W	Cloudy		PAL	22
23	71.5	29.374	.122	29.252	30.21	22.1	21.7	20	94	.103	27.6	21.4	NE	2			0	4	ci st	S	Pt Cloudy		CL	23
24	73.5	29.510	.129	29.381	30.34	26.1	25.6	25	94	.130	38.3	25.1	SE	1			0	6 4	Lt Smoke st cu	SE SE	Cloudy		PAL	24
25	69.0	29.504	.117	29.387	30.35	29.3	28.9	28	96	.150	39.9	28.7	SW	6			0	1	ci st	W	Clear		CL	25
26	75.0	29.342	.132	29.210	30.15	33.8	31.8	29	81	.157	39.6	33.1	S	12			0	4	a st	S	Pt. Cloudy		PAL	26
27	71.5	28.906	.121	28.785	29.72	37.8	36.8	36	91	.211	40.1	37.0	S	4			T	10	st cu	S	Cloudy		CLH	27
28	67.0	28.924	.110	28.814	29.75	35.2	32.0	27	71	.143	36.1	30.1	SW	14			0	10	st cu	SW	Cloudy		CLH	28
29	70.0	29.050	.118	28.932	29.88	33.2	31.0	28	79	.150	41.9	32.9	NW	10			0	2 6	a st st cu	NW NW	Cloudy		CLH	29
30	67.0	29.436	.111	29.325	30.28	24.2	22.8	20	82	.103	30.1	24.2	SW	7			0	10	a st	W	Cloudy		CLH	30
31	68.0	29.286	.113	29.173	30.12	27.1	26.1	24	88	.124	30.8	26.1	E	4			0	5	ci st	W	Pt. Cloudy		CLH	31
Sums		(a)	(a)	904.162	933.64	909.9	868.1	790	2626	4.527	(a)	(a)	(a)	211	(a)	(a)	0.97	20 193	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.167	30.117	29.4	28.0	25.5	84.7	.146	(a)	(a)	(c) SN	6.8	(a)	(a)	(a)	6.2	U a st L st cu	UW LW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of DEC 1928, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	75.0	29.123	.131	28.992	29.94	33.8	31.9	29	82	.157	35.2	32.7	NW	4			0	10	st	W	Cloudy			CJH	1
2	70.0	29.077	.118	28.959	29.90	44.1	40.3	36	72	.211	48.8	31.9	SE	4			0	0	0	0	Clear			CJH	2
3	73.5	29.247	.128	29.119	30.06	36.1	34.9	33	89	.187	40.8	34.9	W	11			T	10	stcu	W	Cloudy			CJ	3
4	75.0	29.201	.132	29.069	30.02	33.6	32.9	32	93	.180	36.2	31.8	NW	6			.06	10	st	NW	Lt Snow	B 3:40P E 6:00P		CJ	4
5	75.0	29.574	.133	29.441	30.41	20.9	19.1	16	75	.085	24.8	14.9	W	6			T	0	0	0	Clear			CJ	5
6	73.5	29.401	.129	29.272	30.23	29.9	28.1	25	80	.130	34.8	16.0	SW	8			0	4	cicu	SW	Pt. Cloudy			CJ	6
7	74.0	29.491	.130	29.361	30.33	27.1	25.6	23	82	.118	31.1	24.1	N	7			T	10	stcu	N	Cloudy			CJ	7
8	75.0	29.571	.133	29.438	30.41	27.1	23.9	17	63	.089	28.2	13.8	NW	2			0	4	cist	NW	Pt. Cloudy			CJ	8
9	71.0	29.315	.122	29.193	30.15	30.8	27.9	23	70	.118	36.1	17.9	SW	8			0	4	cist	W	Pt Cloudy			CJ	9
10	74.0	29.363	.129	29.234	30.18	38.2	34.0	28	66	.150	45.3	23.6	SW	6			0	0	0	0	Clear	B D N A E 10:30A		CJ	10
11	74.0	29.482	.130	29.352	30.30	45.8	39.2	31	55	.172	53.1	28.2	S	2			0	2	ci	S	Clear			CJ	11
12	74.0	29.513	.130	29.383	30.33	44.9	41.4	37	75	.219	47.8	35.0	SE	6			0	10	st	S	Cloudy			CJ	12
13	73.0	29.284	.126	29.158	30.09	44.2	43.6	43	95	.277	52.9	40.9	E	12			0.32	10	nb	E	Lt. Rain			CJ	13
14	75.5	29.402	.134	29.268	30.21	42.8	42.2	42	95	.266	46.4	41.6	NE	3			T	10	st	NE	Cloudy	B 10:00A E 11:15A	B 8.0 N A E 10:00A	CJ	14
15	74.0	29.468	.130	29.338	30.28	45.9	44.8	44	92	.287	47.0	43.4	SW	8			.01	10	st	SW	Cloudy	B 8:30A E 9:30A	B D N A E 8:30A	CJ	15
16	69.0	29.124	.115	29.009	29.95	47.1	45.8	44	91	.287	47.8	43.9	SW	8			.01	10	st	SW	Cloudy			CJ	16
17	72.0	28.797	.122	28.675	29.60	32.9	32.1	31	92	.172	48.0	32.9	NW	15			0.38	10	stcu	NW	Cloudy			CJ	17
18	70.5	29.029	.119	28.910	29.86	34.8	31.2	26	67	.136	34.8	23.7	SW	10			T	3 4	2st cu	SW SW	Pt Cloudy			CJ	18
19	72.5	29.248	.125	29.123	30.07	28.1	25.2	20	67	.103	31.6	27.0	W	7			T	10	stcu	W	Cloudy			CJ	19
20	68.5	29.287	.115	29.172	30.13	13.1	10.5	−1	50	.036	28.9	13.1	W	18			T	1	cu	W	Clear			CJ	20
21	76.0	29.542	.135	29.407	30.39	17.3	15.1	8	64	.057	21.9	7.1	W	4			0	10	2cu	W	Cloudy			CJ	21
22	75.5	29.431	.134	29.297	30.26	27.6	25.1	21	71	.108	31.2	18.9	NE	6			0	4 4	2cu 2st	SW SW	Cloudy			CJ	22
23	72.5	29.434	.126	29.308	30.27	38.3	33.2	26	58	.136	42.6	22.1	S	4			0	3 5	ci ci st	S S	Cloudy			CJ	23
24	73.0	29.489	.127	29.362	30.32	39.9	35.9	31	68	.172	47.4	26.1	SW	4			0	0	0	0	Clear			CJ	24
25	70.0	29.475	.119	29.356	30.32	39.6	35.2	29	65	.157	44.1	28.3	SW	4			0	3	ci st	SW	Clear			CJ	25
26	74.0	29.078	.128	28.950	29.90	40.1	35.9	30	66	.164	48.8	33.8	S	9			0	4 2	ci st ci cu	SW SW	Pt Cloudy			CJ	26
27	72.0	29.112	.123	28.989	29.94	36.1	32.9	28	72	.150	40.7	36.1	W	10			0	10	stcu	W	Cloudy			CJ	27
28	73.5	28.798	.126	28.672	29.60	41.9	36.1	28	56	.150	46.9	35.2	W	3			0	7	ci st	W	Pt Cloudy			CJ	28
29	72.5	29.394	.126	29.268	30.23	30.1	27.1	22	68	.113	34.0	30.1	NW	11			T	10	stcu	NW	Cloudy			CJ	29
30	68.0	29.366	.113	29.253	30.20	30.8	28.0	23	71	.118	33.0	23.4	SE	3			0	10	cst	W	Cloudy			CJ	30
31	70.5	29.221	.120	29.101	30.05	39.9	34.8	28	60	.150	42.1	25.4	E	3			T	10	stcu	SW	Cloudy			CJ	31
Sums		(a)	(a)	904.429	933.93	1082.8	993.9	853	2270	4855	(a)	(a)	(a)	212	(a)	(a)	0.78	214	(a)	(a)	(a)	4	2	(a)	(a)
Means		(a)	(a)	29.175	30.127	34.9	32.1	27.5	73.2	.157	(a)	(a)	(c) SW	6.8	(a)	(a)	(a)	6.9	U cist L stcu	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1928, 192

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	35	30	5	12	32				S^D	DNa	DNa										T			0	0	T	0	T	1
2	49	30	19	8	40				R	11:30p	11:50p										T				0	0	0	0	2
3	47	35	12	1	41				R	5:30p	6:30p	R	7:10p	7:30p							T				0	0	0	0	3
4	36	31	5	7	34				S^M	12:13p	3:30p	R	3:30p	5:30p	S^M	5:30p	10:30p				.06				0	0.3	0	.03	4
5	31	15	16	11	23				S^D	DNa	10:00a										T				0	T	0	T	5
6	35	15	20	2	25																0				0	0	0	0	6
7	31	23	8	2	27				S^D	11:05a	1:15p	S^D	10:55p	Cont							T				0	T	0	T	7
8	28	13	15	7	20				S^D	Cont	DNa										T				0	T	0	T	8
9	36	17	19	6	26																0				0	0	0	0	9
10	45	24	21	8	34																0				0	0	0	0	10
11	53	28	25	6	40																0				0	0	0	0	11
12	48	34	14	1	41				R	DNa	DNa	R	DNp	Cont							T				0	0	0	0	12
13	53	40	13	5	46				R	Cont	DNa	R	2:00p	DNp							0.87				0	0	0	0	13
14	47	42	5	2	44				R	DNa	DNa	R	2:30p	2:35p	R	8:45p	Cont				0.11				0	0	0	0	14
15	47	42	5	0	44				R	Cont	12:45p	R	4:10p	5:15p							0.01				0	0	0	0	15
16	48	43	5	2	46				R	12:20p	4:45p	R	10:50p	cont							0.01				0	0	0	0	16
17	48	30	18	7	39				R	Cont	12:30p	S^D	12:30p	7:45p							0.69				0	0.8	T	.08	17
18	35	24	11	9	30				S^D	7:10a	9:30a	S^D	3:20p	3:40p							T				0	T	0	T	18
19	33	26	7	0	30				S^D	10:56a	11:05a										T				0	T	0	T	19
20	29	9	20	11	19				S^D	DNa	DNa	S^D	10:30a	10:40a	S^D	DNa	7:30a				T				0	T	0	T	20
21	22	6	16	5	14																0				0	0	0	0	21
22	31	16	15	10	24																0				0	0	0	0	22
23	43	21	22	9	33																0				0	0	0	0	23
24	47	25	22	3	36																0				0	0	0	0	24
25	44	28	16	0	36																0				0	0	0	0	25
26	49	33	16	5	41																0				0	0	0	0	26
27	41	31	10	5	36				R	DNa	DNa										T				0	0	0	0	27
28	47	30	17	2	38																0				0	0	0	0	28
29	37	28	9	7 6	32				S^D	9:30a	9:38a	S^D	3:20p	3:35p							T				0	T	0	T	29
30	33	23	10	4	28																0				0	0	0	0	30
31	42	26	16	6	34				R	6:30p	6:38p	S^D	9:10p	9:35p							T				0	0	0	T	31
S	1250	818	432	163 2	1033		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.75		Total excess or deficiency since Jan. 1,		0	1.1	(a)	(a)	(a)
M	40.3	26.4	13.9	5.3 2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF DEC 1928, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.167	29.175	29.171	x 29.510	8	x 28.460	17	1.050	30.117	30.127	30.122	x 30.480	8	x 29.380	17	1.10
Corrected mean 29.165								Corrected mean 30.116							

x From barograph trace

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
29.4	34.9	32.2	28.0	32.1	30.0	40.3	26.4	33.4	53	11	6	21	47	25	11	5	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
25.5	27.5	26.5	84.7	73.2	~~78.9~~ 9.0	.146	.157	.152	6	0	24	0

Clouds.
Most frequent clouds: Strato-Cumulus
Most frequent direction upper clouds: Southwest
Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5533	7.4	SW	28	W	20	2	3	5	6	5	21	13	7	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.~~8~~ 5	6.~~8~~ 9	6.8	38	7	7	17	0	0	6

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (~~40~~ 33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	23	4,10,14,15	14+15	0	0	10,24	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.75	0.98	13+14	—			—	—	—	13	6	4	2	0	19	11	2	1.1	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Earle L. Hardy Meteorologist Weather Bureau.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1928, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of pressure																	
8	9 30 am	8 30 am				29.510	30.48	14.0															Highest		8
17	1 00 PM	12 00 noon				28.460	29.38	40.7															Lowest		17

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1928, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	8	2	14	3									122	17	7	2			151	24
2					59	12	74	12											133	24
3									9	1	75	4	244	19					328	24
4					4	1	3	1	5	1	37	7	79	10	23	4			151	24
5											32	5	187	18	16	1			235	24
6											217	22	10	2					227	24
7	77	11	24	3							48	8	4	1	5	1			158	24
8	49	10	21	3											31	11			101	24
9											183	24							183	24
10											84	15	45	9					129	24
11							3	1	45	11	67	12							115	24
12					12	5	34	9	19	5	22	5							87	24
13					37	14	102	10											139	24
14	5	1	31	9	46	10	11	4											93	24
15			6	2			12	3	12	2	115	16					0	1	145	24
16									13	2	177	22							190	24
17	60	5							15	2	60	8	45	3	82	6			262	24
18											123	9	206	15					329	24
19											83	7	169	17					252	24
20													358	24					358	24
21													128	24					128	24
22			34	7	10	3	12	4					42	10					98	24
23			26	8	9	2	7	1	55	13									97	24
24					5	2	16	6	25	3	90	12					0	1	136	24
25									38	5	105	16	28	3					171	24
26							41	5	210	19									251	24
27							12	2	34	6	42	4	96	10	25	2			209	24
28	12	2									161	17	9	3	12	2			194	24
29	36	4											47	5	183	15			266	24
30					6	2	27	7	9	2	53	9	30	4					125	24
31			18	3	54	17			20	4									92	24
SUM,	247	35	174	38	242	68	354	65	509	76	1774	222	1849	194	384	44	0	2	5533	744
PERCENTAGE,	5	5	3	5	4	9	6	9	9	10	32	30	34	26	7	6	0	0	a	a
AVG. HOURLY VELOCITY,	7.6	a	4.6	a	3.6	a	5.4	a	6.7	a	8.0	a	9.5	a	8.7	a	0	a	7.4	a

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Form No. 1002—Met'l.

U. S. Department of Agriculture,
WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1928

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 1928

Street, Corner Calhoun and Berry

Number, Tri-State Bldg.

Room, 911-12

SUM OF BAROMETER CORRECTIONS.

From 8 *a.m.* Jan 1 *to* 8 *p.m.* Dec 31, *inc.,* .009 *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

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NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	29.0	26.6	22	74	.132	7.1	a st	st cu	W SW	W
Feb.,	32.7	29.7	25	71	.140	7.2	a st	cu	W	W
Mar.,	40.7	32.7	28	61	.169	7.1	a st	cu	W	NW
Apr.,	49.4	41.7	32	53	.195	7.1	ci a st	cu	W	W
May,	66.3	54.0	43	45	.294	5.8	ci st	cu	W	W
June,	67.6	59.6	54	64	.432	7.4	a st	cu	W	SW
July,	80.4	68.6	62	56	.575	6.1	a cu	cu	W	W NW
Aug.,	79.7	67.6	61	54	.554	4.5	ci	cu	SW	SW
Sept.,	68.7	56.1	46	45	.337	4.6	ci st a cu	cu	W	NW
Oct.,	62.1	53.0	45	56	.330	6.4	ci	cu	SW	W
Nov.,	44.9	40.3	35	70	.212	7.9	ci st	st	S SW	NW
Dec.,	36.9	33.2	28	68	.157	6.9	ci st	st	SW	W
Sum,	658.4	563.1	481	717	3.527	78.1	—	—	—	—
Mean,	54.9	46.9	40	60	.294	6.5	a st	cu	W	W

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 192 .—STATION Fort Wayne, Ind.

Latitude N. 41° 5′ Longitude W. 85° 10′ Local time 0 h. 41 min. (t) slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 856 Feet. Mean. 8 a. m. (c)	8 p. m. (c)	Corrected monthly. (c)	Highest observed. (c)	Date.	Lowest observed. (c)	Date.	Absolute range. (c)	CORRECTED MONTHLY SEA-LEVEL PRESSURE. (c)	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 11.3 Feet. Mean. 8 a. m. (d)	8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Min. (d)	Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Mean daily. (d)	Mean daily change. (d)
	In.	In.	In.	In.		In.		In.	In.	°	°	°	°	°	°		°		°	°	°
Jan.,	29.121	29.108	29.109	29.540	3	28.200	19	1.340	30.067	22.5	28.9	34.3	19.2	26.8	60	14	-5	1	65	15.1	5.8
Feb.,	29.127	29.123	29.120	29.520	21	28.510	14	1.010	30.074	26.4	31.5	36.8	22.6	29.7	52	7	5	26	47	14.2	5.7
Mar.,	29.023	29.024	29.019	29.520	6	28.210	26	1.310	29.962	32.6	38.0	44.7	28.1	36.4	71	23	17	5	54	16.6	5.5
Apr.,	29.021	28.987	28.999	29.360	26	28.480	14	0.880	29.933	40.6	48.2	54.8	36.3	45.6	74	3	25	9	49	18.5	6.1
May,	29.069	29.025	29.042	29.510	13	28.680	25	0.830	29.963	54.1	64.1	70.6	48.9	59.8	89	10	35	7	54	21.7	5.0
June,	28.946	28.917	28.928	29.320	15	28.620	6	0.700	29.840	59.8	67.1	72.0	54.6	63.3	84	22	43	10	41	17.4	4.0
July,	29.098	29.055	29.073	29.400	30	28.850	27	0.550	29.981	69.1	76.9	83.8	64.2	74.0	91	7	51	29	40	19.7	3.1
Aug.,	29.128	29.092	29.106	29.340	31	28.850	21	0.490	30.016	67.4	76.5	84.2	62.6	73.4	94	8	52	25	42	21.6	4.1
Sept.,	29.151	29.107	29.124	29.410	5	28.790	3	0.620	30.047	54.1	64.6	72.1	50.8	61.4	89	9	32	26	57	21.3	3.1
Oct.,	29.168	29.153	29.154	29.555	30	28.813	22	0.742	30.082	51.4	59.1	65.6	47.5	56.6	88	11	27	30	61	18.0	4.5
Nov.,	29.141	29.124	29.125	29.493	13	28.610	30	0.883	30.067	39.0	43.2	48.6	36.3	42.4	70	17	20	26	50	12.3	4.1
Dec.,	29.167	29.175	29.165	29.510	8 a	28.460	17 a	1.050	30.116	29.4	34.9	40.3	26.4	33.4	53 a	11 a	6 a	21 a	47	13.9	5.2
Sum,	349.160	348.890	348.964	Highest.	Date.	Lowest.	Date.	10.405	360.148	546.4	633.0	707.8	497.5	602.8	Max.	Date.	Min.	Date.	607	210.3	56.2
Mean,	29.097	29.074	29.080	29.555	Oct. 30	28.200	Jan. 19	0.867	30.012	45.5	52.8	59.0	41.5	50.2	94	Aug. 8	-5	Jan. 1	51	17.5	4.7

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

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MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (c)	8 p. m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 10.7 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	13	0	24	19	23	21	86	78	82	.118	.137	.128	1.51	0.83	18-19	0			0			2.0
Feb.,	8	0	25	23	25	24	85	77	81	.131	.145	.138	2.05	0.78	13-14	0			0			7.0
Mar.,	4	0	24	27	28	28	79	68	74	.158	.167	.162	1.47	0.40	25-26	0			0			2.3
Apr.,	0	0	14	33	34	33	74	59	67	.195	.210	.202	2.00	0.88	21	0			0			0.5
May,	0	0	0	43	44	44	68	52	60	.293	.316	.304	4.42	3.06	17-18	3.06	5:03	17-18	2.83	1:45	17	0
June,	0	0	0	54	56	55	82	69	76	.434	.463	.448	3.85	1.14	4-5	0			0			0
July,	0	3	0	63	64	63	81	66	74	.580	.608	.594	4.32	2.06	21	0			1.97	:40	21	0
Aug.,	0	7	0	62	61	62	82	61	72	.569	.562	.566	1.96	0.88	4-5	0			0			0
Sept.,	0	0	0	48	49	48	80	58	69	.356	.375	.366	0.56	0.41	2-3	0			0			0
Oct.,	0	0	3	46	45	46	83	62	73	.341	.333	.337	1.83	0.55	15-16	0			0			0
Nov.,	1	0	9	34	36	35	83	76	79	.209	.220	.214	2.67	0.87	16	0			0			7.5
Dec.,	6	0	24	26	28	26	85	73	79	.146	.157	.152	1.75	0.98	13-14	0			0			1.1
Sum,	32	10	123	478	493	485	968	799	886	3.530	3.693	3.611	28.39	a	a	a	a	a	a	a	a	20.4
Mean,	a	a	a	40	41	40	81	67	74	.294	.308	.301	a	3.06	May 17-18	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station Fort Wayne, Ind.

Month.	Mean Cloudiness. (0 to 10). 8 a. m. (d)	8 p. m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 33 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	5.3	6.8	6.1	148.8	298.2	50	8191	SW	39	W	19	2	0	1	2	5	4	31	14	5	0	7	9	15	7	3	7	2	0	2	0	0
Feb.,	6.2	5.8	6.6	147.4	309.5	48	6704	SW	28	SW	19	0	1	3	6	5	8	16	14	5	0	5	9	15	12	10	14	4	0	1	0	0
Mar.,	6.7	6.5	6.7	205.9	370.8	56	7396	W	35	W	26	2	3	8	3	4	5	13	13	13	0	7	7	17	10	8	10	3	1	1	3	0
Apr.,	5.8	6.5	6.2	219.1	399.9	55	7587	W	32	SW	14	0	6	7	6	6	6	8	13	8	0	6	14	10	11	8	4	2	0	0	0	0
May,	5.5	4.0	5.0	316.0	449.0	70	5699	SW	26	SW	4	0	5	12	7	2	6	15	2	13	0	7	19	5	10	10	0	0	0	0	7	0
June,	7.0	7.5	7.0	262.8	452.0	58	5652	SW	26	SW	13	0	4	3	9	3	9	11	12	9	0	7	8	15	12	9	0	0	0	1	2	0
July,	5.1	5.3	5.8	340.2	458.3	74	4668	SW	30	SW	21	0	6	4	3	1	3	18	11	16	0	6	19	6	12	10	0	0	0	0	10	1
Aug.,	4.5	4.6	4.5	319.8	426.9	75	4717	SW	26	SW	21	0	7	8	11	3	3	17	4	9	0	12	16	3	10	6	0	0	0	0	6	0
Sept.,	3.7	4.4	4.5	279.2	374.0	75	5487	SW	30	W	14	0	6	8	3	4	1	20	15	3	0	11	12	7	4	4	0	0	0	0	1	0
Oct.,	5.9	5.5	6.3	151.6	344.1	44	5658	SW	27	NW	24	0	3	0	3	8	7	23	9	8	1	7	8	16	11	8	0	0	1	1	2	0
Nov.,	8.0	7.6	7.7	108.5	297.0	35	7074	SW	29	N	12	0	3	4	2	2	3	22	13	10	1	4	7	19	16	11	9	7	0	0	0	0
Dec.,	6.5	6.9	6.8	109.3	287.3	38	5533	SW	28	W	20	0	2	3	5	6	5	21	13	7	0	7	7	17	6	4	11	2	0	2	0	0
Sum,	70.2	71.4	73.2	2603.4	4467.0	678	74366	a	a	a	a	4	46	61	60	49	60	215	133	106	2	86	135	145	121	91	55	20	2	8	31	1
Mean,	5.8	6.0	6.1	217.0	372.2	56.5	a	SW	39	W	19	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 33 miles per hour and over. j One entry only. * From sunrise to sunset.

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Standard of normal time in local use, ...90.... meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	10.2	10.2	9.8	10.1	10.2	10.2	9.8	9.7	10.3	11.6	11.9	12.5	12.8	12.7	12.1	11.6	10.8	10.5	11.1	12.0	11.8	11.1	10.9	10.2	11.0
Feb.,	8.9	8.7	8.3	8.6	8.6	8.4	8.9	9.6	10.3	10.6	11.2	11.2	11.2	12.1	11.7	11.2	9.9	9.1	8.9	9.1	9.1	8.4	8.6	8.4	9.6
Mar.,	8.2	8.5	8.6	8.3	8.2	8.2	8.4	10.1	10.9	11.3	12.0	11.5	12.3	13.2	12.8	12.3	11.9	10.7	9.3	8.8	8.9	8.5	7.8	8.0	9.9
Apr.,	7.6	7.8	8.1	8.1	8.5	8.8	9.7	10.7	12.8	13.3	13.5	13.3	12.8	12.8	13.3	13.1	12.4	11.1	9.6	9.7	9.0	9.1	9.4	8.3	10.5
May,	5.2	5.6	6.1	6.1	6.0	6.6	7.3	8.3	9.1	9.9	9.8	9.6	9.9	10.0	10.6	10.0	9.3	8.5	6.9	6.4	5.9	6.1	5.3	5.2	7.7
June,	6.6	6.3	6.4	6.8	7.0	7.6	7.8	8.5	8.8	9.5	9.3	9.4	9.8	9.1	9.1	9.1	8.8	7.9	6.9	6.7	7.0	6.8	6.7	6.5	7.8
July,	4.5	5.0	4.5	5.0	4.7	5.2	5.4	6.3	7.2	7.5	7.8	7.6	8.2	8.9	8.7	8.4	7.8	6.9	5.7	5.4	5.0	5.1	5.2	4.6	6.3
Aug.,	5.1	5.3	5.3	5.2	5.3	5.1	5.9	6.0	6.5	7.4	7.9	7.2	7.9	8.2	8.2	8.2	7.9	6.6	5.7	6.0	5.9	5.6	5.0	4.9	6.3
Sept.,	5.8	5.7	6.3	6.0	6.2	5.4	5.8	6.8	8.1	9.9	10.5	10.7	10.8	11.0	10.8	9.9	8.9	7.0	6.0	6.1	6.1	6.5	6.2	6.1	7.6
Oct.,	6.6	6.8	6.4	5.8	5.8	5.7	5.7	7.2	8.2	9.3	9.7	9.8	10.1	10.0	10.1	9.8	8.4	7.3	6.9	6.8	6.7	6.7	6.5	6.1	7.6
Nov.,	8.5	8.5	8.2	8.7	8.4	8.6	8.4	9.2	10.1	10.5	11.2	11.4	11.8	12.1	11.8	10.8	10.4	10.4	10.0	10.1	9.7	9.6	9.1	8.3	9.8
Dec.,	7.0	7.5	7.5	7.9	7.0	6.5	6.8	6.9	7.3	7.8	8.2	8.4	9.0	8.8	8.4	7.7	7.1	6.6	6.5	7.0	7.4	6.9	6.9	7.1	7.4
Sum,	84.2	85.9	85.5	86.6	85.9	86.3	89.9	99.3	109.6	118.6	123.0	122.6	126.6	128.9	127.6	122.1	113.6	102.6	93.5	94.1	92.5	90.4	87.6	83.7	101.5
Mean,	7.0	7.2	7.1	7.2	7.2	7.2	7.5	8.3	9.1	9.9	10.2	10.2	10.6	10.7	10.6	10.2	9.5	8.6	7.8	7.8	7.7	7.5	7.3	7.0	8.5

Station Fort Wayne, Ind. **Standard of normal time in local use,** 90 **meridian.**

MONTH.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,																									
Feb.,																									
Mar.,																									
Apr.,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by C J Saltsman

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Weather Bureau.

Standard of normal time in local use, 90th meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,	80	17	202	18	157	17	174	32	419	52	4250	392	2630	185	279	31	0	0	8191	744
February,	91	9	404	34	463	65	294	44	731	86	2118	211	2065	186	538	61	0	0	6704	696
March,	292	44	877	80	270	38	257	39	734	80	1371	124	2103	207	1492	132	0	0	7396	744
April,	546	75	630	69	490	74	475	56	1263	101	1616	122	1832	145	735	76	0	2	7587	720
May,	647	103	915	119	318	66	119	24	497	61	1561	182	524	74	1118	115	0	0	5699	744
June,	196	31	305	34	714	92	445	72	549	67	1437	167	1169	166	837	90	0	1	5652	720
July,	398	77	125	25	272	53	49	11	207	37	1629	223	1049	174	939	142	0	2	4668	744
August,	448	72	697	107	559	117	88	26	166	31	1707	226	471	78	581	86	0	1	4717	744
September,	341	66	853	109	144	29	113	31	42	9	2136	251	1221	158	637	66	0	1	5487	720
October,	171	34	160	27	132	29	264	65	674	97	2229	252	1192	149	836	89	0	2	5658	744
November,	265	35	195	37	360	45	65	18	293	39	3000	258	1761	184	1135	103	0	1	7074	720
December,	247	35	174	38	242	68	354	65	509	76	1774	222	1849	194	384	44	0	2	5533	744
Sum,	3722	598	5537	697	4121	693	2697	483	6084	736	24828	2630	17866	1900	9511	1035	0	12	74366	8784
Percentage,	5	7	7	8	6	8	4	5	8	8	33	30	24	22	13	12	0	0	100	100
Average hourly velocity,	6.2	a	7.9	a	5.9	a	5.6	a	8.3	a	9.4	a	9.4	a	9.2	a	0	a	8.5	a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) January 1, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	2	0	0	-1	-2	-3	-4	-5	-3	-2	0	1
Nature of precipitation and time of beginning and ending	SDB DNa		SDE DNa							SDB 9:30	SDE 10:30	
Amounts of precipitation	T	T	T							T	T	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	1.0	0.8
Wind direction	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	#14 ~~15~~	16 ~~18~~	15 ~~17~~	14 ~~16~~	15 ~~17~~	15 ~~17~~	14 ~~16~~	15 ~~17~~	14 ~~16~~	16 ~~18~~	14# ~~16~~	~~14~~

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	5	5	5	5	5	5	4	4	3	3	2
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.7	0.5	0	0							
Wind direction	SW	W	SW	SW	SW	SW	W	W	SW	SW	SW	SW
Wind movement	15	14	14	14	13	14	13	14	13	13	12	12

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:23 Character, Cloudy

Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
6	-5	0	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 2.0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 4.0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 43 ~~337#~~

Prevailing wind direction, SW Total wind, ~~358~~ 140 #

Average hourly velocity, ~~14.9~~ 18 Extreme velocity, ~~22~~ 19

Maximum velocity, ~~21~~ Direction, SW

Time began, 9:18 a m

Reduced barometer, 30.04 7a. m. 30.25 7p. m.

River gage, 6.6 feet

Relative humidity, 92 7a. m. 92 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

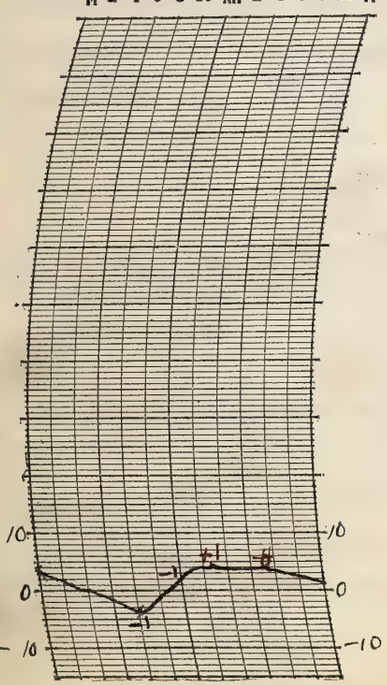
Dry temperature, 1.1 Wet temperature, 0.8

Dew-point, -1 R. humidity, 91 V. pressure, .036

Clouds: Amount, 10; Kind, alst; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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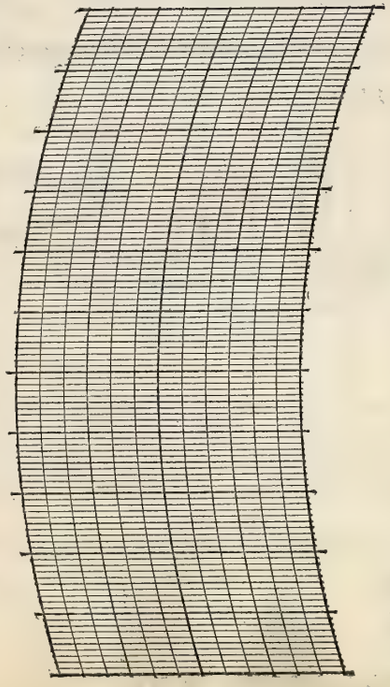

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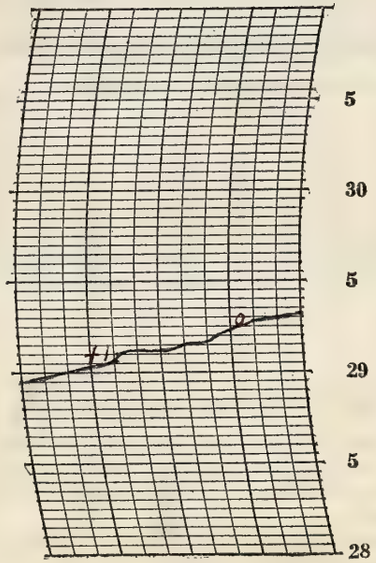


Prepared by EJ

Verified by E. L. H.

8—486

NOTES

The sky was completley overcast all day. During the later part of the morning and the early afternoon the sun shone through the al. st clouds. Occasional snow flurries occured during the day.

The street cars were unable to move for about 2½ hours between 8:00-10:30 a m on account of power trouble. Near zero temperature were experienced the entire day.

The river has commenced falling. Light shore ice and light floating ice was present.

Light to moderate winds prevailed becoming fresh at times.

Coldest January 1 of record

3 cup anemometer up at 11:05 a m. # correction applied up to 11:05 a m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) January 2, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	2	1	-1	-1	-2	-3	-3	-4	-1	1	4	7
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy X							
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)								0	0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	9	8	7	7	8	8	8	11	11	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	9	9	8	5	4	2	1	0	-1	-2	-2
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						X		Pt Cldy →			
Sunset: Time, 4:24 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	4.0 0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW
Wind movement	10	9	9	9	8	7	7	8	7	7	9	8
Maximum velocities (exceeding 25 miles) direction and time												

State of weather.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

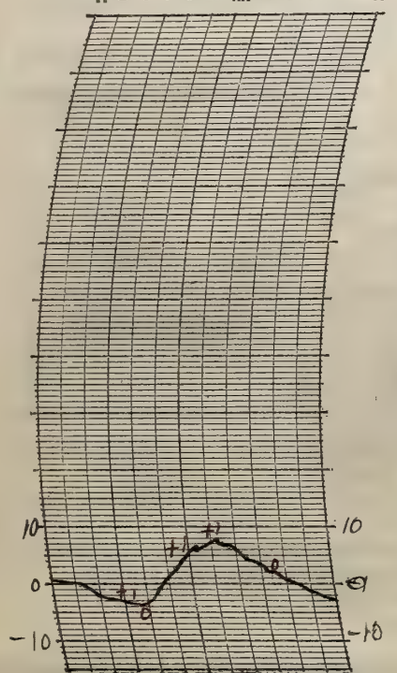
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
9	-4	2	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 207
Average hourly velocity, 8.6 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 12:35 am
Reduced barometer, 30.44 7 a. m. 30.52 7 p. m.
River gage, 3.5 feet
Relative humidity, 93 7 a. m. 86 7 p. m.

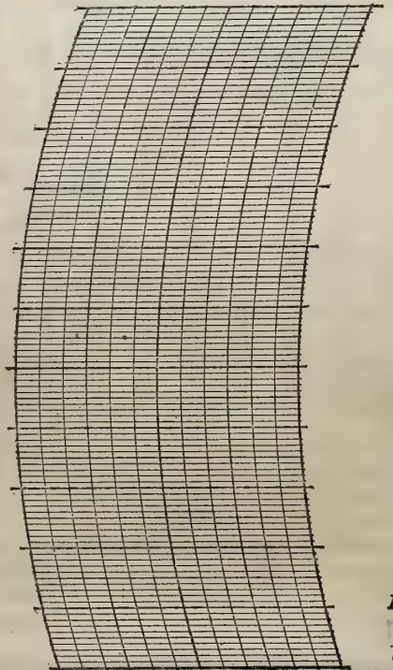
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 6.9 Wet temperature, 5.7
Dew-point, 0 R. humidity, 71 V. pressure, .038
Clouds: Amount, 1; Kind, Stra.; Direction, W
Velocity of clouds (miles per hour)

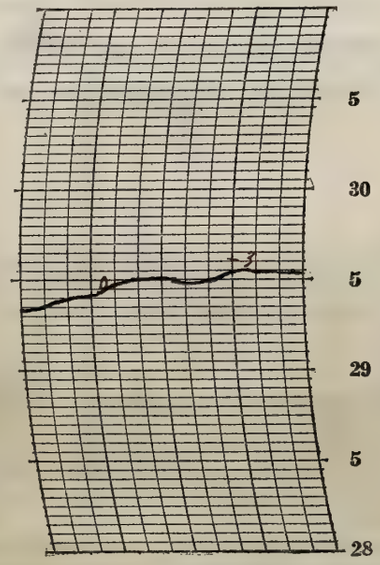
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by

NOTES

The clouds gradually cleared up until sunrise when there were some clouds along the horizon. From 1 to 3 of clouds were visible during the daylight. In the evening just enough of the sky was overcast to make it part cloudy. Stars were visible in the other portions and the moon was also visible.

The river is still falling. Light shore ice and some light floating ice was present. Gentle to Light winds prevailed all day.

Lowest min. temperature for Jan. 2

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) January 3, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-2	-3	-4	-4	-5	-5	-5	-4	1	4	7	10	12	14	14	13	12	11	11	10	11	10	9	8
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)								0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.42 0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	7	9	13	12	10	10	11	13	12	12	13	13	12	10	11	11	10	8	8	10	10

Sunrise: Time, 7.06 Character, Cloudy
Moonrise:

Sunset: Time, 4.25 Character, Clear
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

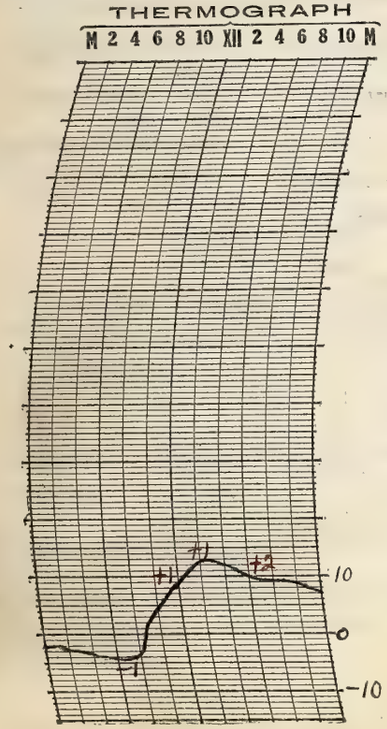
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	-5	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.2 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind, 247
Average hourly velocity, 10.3 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 1:39 pm
Reduced barometer, 30.52 7a. m. 30.48 7p. m.
River gage, 3.3 feet
Relative humidity, 92 7a. m. 83 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 10.0 Wet temperature, 8.8
Dew-point, 4 R. humidity, 74 V. pressure, .047
Clouds: Amount, 1; Kind, st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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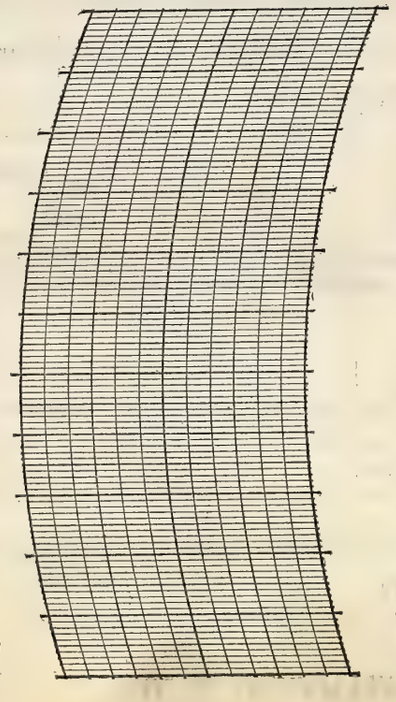
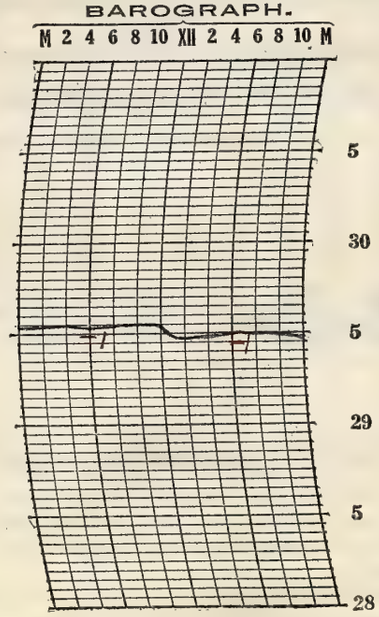


BAROGRAPH.



Prepared by CJS

Verified by E. L. L.

8—486

NOTES

It cleared up during the ~~night~~ morning and continued clear throughout the day. The moon and stars were visible in the evening. The clouds mostly remained near the horizon.

Temperatures are becoming warmer hour for hour than yesterday since 8.00 a.m.

The river continues to fall. Light shore ice is present.

Light winds reaching moderate strength prevailed.

Lowest minimum temperature for Jan 3

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) January 4, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	7	6	7	7	8	8	7	11	16	20	21	23	24	24	23	21	20	20	19	19	19	19	18
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear															×Pt.× cldy	Pt. cldy	×Pt.× cldy	cldy		Cloudy →			
Sunshine (in tenths of hours)								0.90 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.2 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	11	12	10	11	11	10	13	15	16	18	17	19	19	19	19	16	15	18	13	11	9	8
Maximum velocities (exceeding 25 miles) direction and time													22 SW 1:54	25 SW 1:57										

Sunrise: Time, 7:06 Character, Clear
Moonrise:
Sunset: Time, 4:26 Character, Cloudy
Moonset:

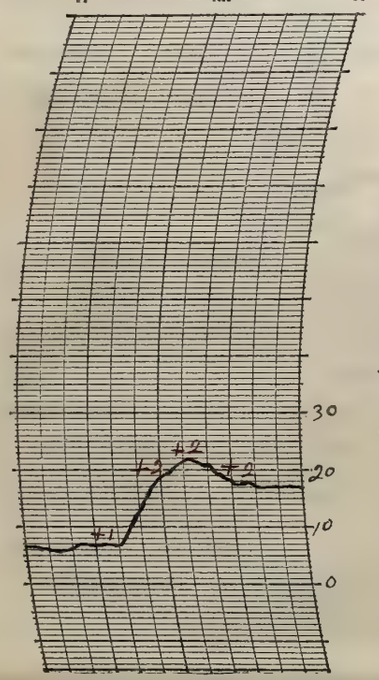
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	6	15	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 10 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.1 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 98
Prevailing wind direction, SW Total wind, 331
Average hourly velocity, 13.8 Extreme velocity, 27
Maximum velocity, 25 Direction, SW
Time began, 1:57 pm
Reduced barometer, 30.43 7 a. m. 30.39 7 p. m.
River gage, 3.6 feet
Relative humidity, 91 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 21.2 Wet temperature, 18.1
Dew-point, 10 R. humidity, 56 V. pressure, .063
Clouds: Amount, 1; Kind, st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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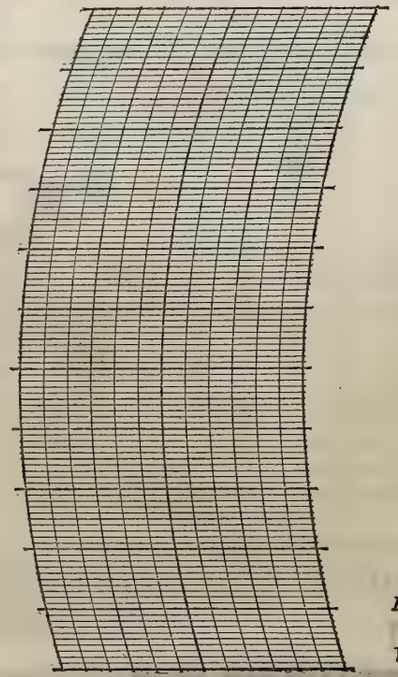

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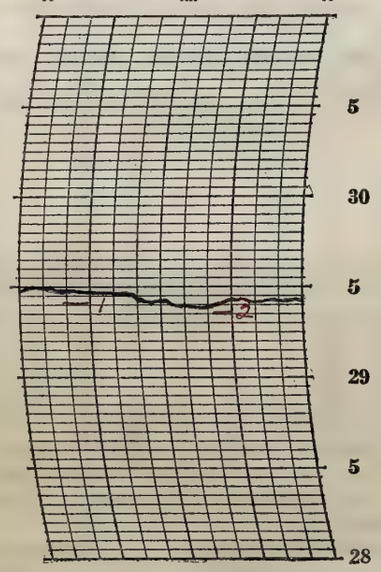


Prepared by CJ
Verified by E.L.H.

NOTES

The day was clear until 3:00 pm when some clouds came in from the northwest and in a short time nearly completely covered the sky. The sun was obscured for a short time after 4:00 pm but again came out and sank behind a bank of clouds. It cleared and then became cloudy again and continued cloudy.
The river has had a slight rise and light shore ice is still present.
Light to moderate SW winds prevailed with some fresh to strong.

8—480

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) January 5, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	16	16	16	16	16	15	14	16	20	25	27	30	31	31	32	32	32	34	34	34	34	35	35
State of weather: Nature of precipitation and time of beginning and ending																				RB 7.55	RE 8.10			
Amounts of precipitation																				T	T			
Cloudiness and other conditions					← Clear								Cloudy PT. Cloudy	Cloudy PT. Cloudy								Cloudy →		
Sunshine (in tenths of hours)								0	0.8	1.0	1.0	1.0	1.0	0.5	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	10	10	10	9	10	10	11	14	12	15	17	13	14	12	14	16	17	17	18	17	17	14

Sunrise: Time, 7:06 Character, Clear. Moonrise: ____

Sunset: Time, 4:27 Character, Cloudy. Moonset: ____

Maximum velocities (exceeding 25 miles) direction and time ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts ____

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	14	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PT. Cloudy Moon phase, ____

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 6.8 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 72

Prevailing wind direction, SW Total wind, 310

Average hourly velocity, 12.9 Extreme velocity, 22

Maximum velocity, 21 Direction, SW

Time began, 10:30 pm

Reduced barometer, 30.44 7 a. m. 30.29 7 p. m.

River gage, 3.7 feet

Relative humidity, 79 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

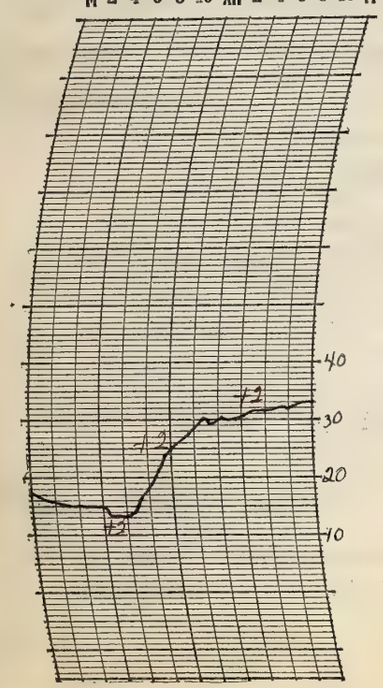
Dry temperature, 26.8 Wet temperature, 24.8

Dew-point, 21 R. humidity, 76 V. pressure, 10.8

Clouds: Amount, 10; Kind, Strat.; Direction, W

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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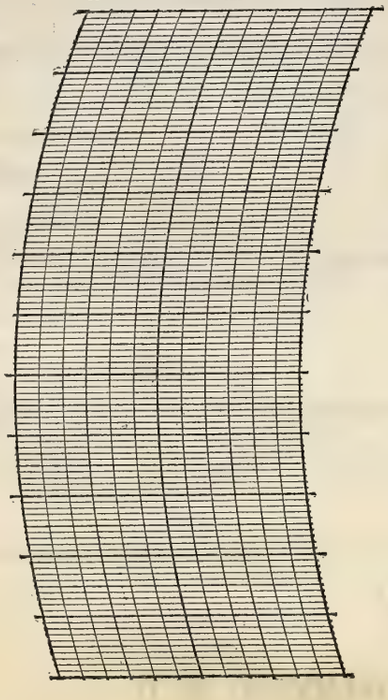
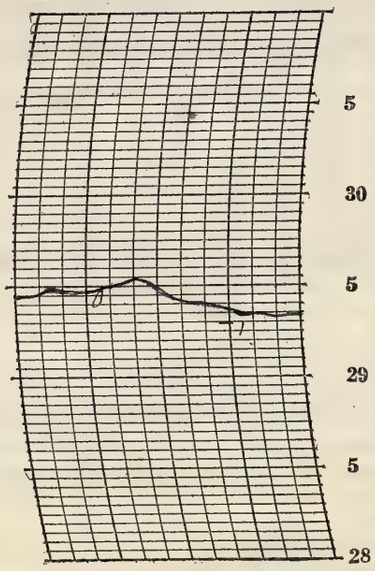


BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

The sky cleared up after midnight remaining clear, with a few to .3 clouds visible, until shortly after 11:00 a m when it rapidly became cloudy and continued cloudy to part Cloudy. Temperatures have continued to rise each hour. During the evening near 8:00 p m a light sprinkle fell. The moon was occasionally visible through the clouds

The river has had a small rise and some shore ice is still present.

Light to moderate SW winds prevailed with some fresh

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) January 6, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	33	34	34	33	31	32	35	39	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)								.90 0	.01 0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	13	16	14	15	14	15	16	18	18	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	44	43	41	40	41	41	41	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							× Pt. Cloudy ×			Clear	→	
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	0.47 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	21	19	15	15	14	13	13	14	15	14	14

Sunrise: Time, 7:06 Character, Clear
Moonrise:
Sunset: Time, 4:28 Character, Clear
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

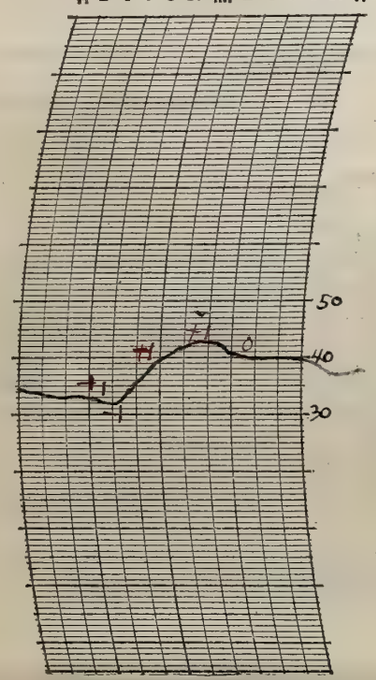
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 372
Average hourly velocity, 15.5 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 1:52 pm
Reduced barometer, 30.29 7 a. m. 30.23 7 p. m.
River gage, 3.8 feet
Relative humidity, 76 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.3 Wet temperature, 36.4
Dew-point, 30 R. humidity, 65 V. pressure, 164
Clouds: Amount, 1; Kind, cu st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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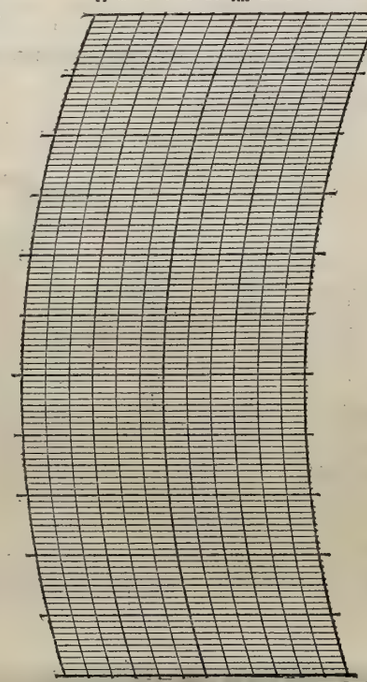

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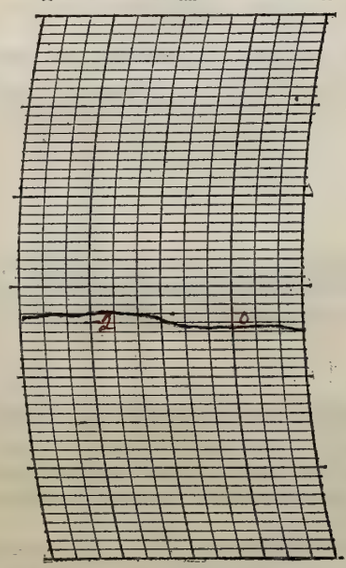


Prepared by CHF
Verified by E.L.H.

NOTES

It cleared up after midnight and remained clear until the early part of the afternoon when some high clouds made it partly cloudy. Clearing up shortly after 6:00 pm. Temperatures have continued to become warmer and snow only remains on the ground in some sheltered places.

The river is still rising.

Fresh to moderate SW winds prevailed.

The moon and stars were visible. At about 5:45 pm a corona was first observed. It deepened in color until about 6:07 pm and by 6:15 pm had gone when the clouds left the face of the moon. The coronal ring was complete and highly colored.

Highest mean temperature for Jan. 6

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) January 7, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	38	39	39	39	37	37	38	40	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation											Only	
Cloudiness and other conditions					←	Cloudy			X	Pt.	X	
Sunshine (in tenths of hours)								0	0.1	1.0	0.1	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	13	13	13	10	12	12	12	13	15	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	42	41	40	39	39	38	38	38	37
Nature of precipitation and time of beginning and ending							RB 6:35				L	
Amounts of precipitation							T	←		0.1		→
Cloudiness and other conditions				Cloudy							← Fog	→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	11	12	13	11	10	10	9	9	9	10

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:29 Character, Cloudy

Moonset:

Maximum velocities (exceeding 2.5 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	37	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase, Full 12:08 a.m.

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.2 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 13

Prevailing wind direction, SW Total wind, 282

Average hourly velocity, 11.8 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 12:46 p.m.

Reduced barometer, 30.18 7 a. m. 30.10 7 p. m.

River gage, 3.3 feet

Relative humidity, 56 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

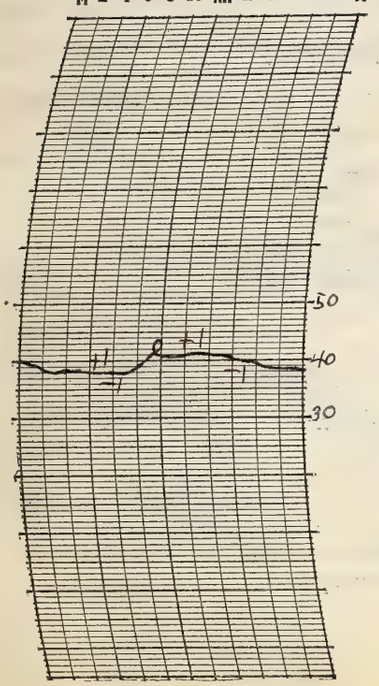
Dry temperature, 41.1 Wet temperature, 37.9

Dew-point, 34 R. humidity, 75 V. pressure, .195

Clouds: Amount, 10; Kind, stcu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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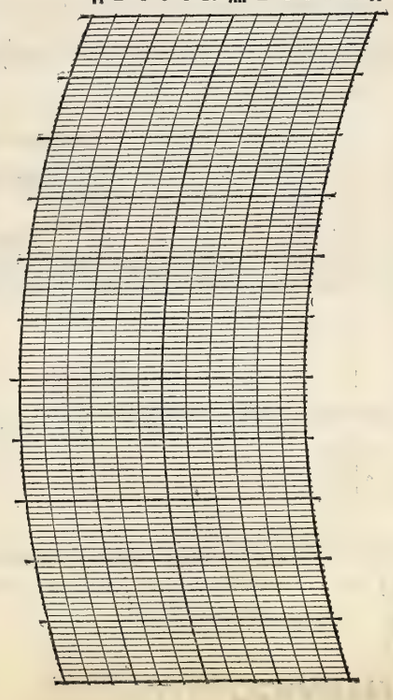

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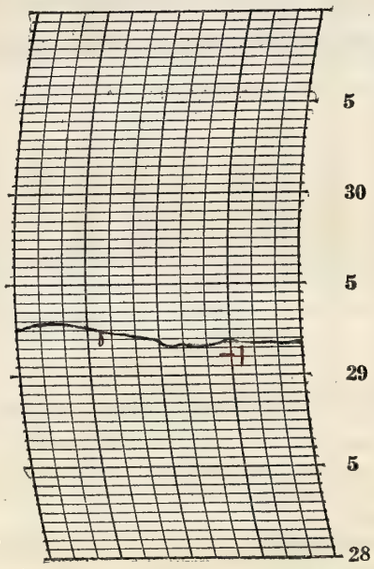


Prepared by CJJ

Verified by E. L. H.

8—486

NOTES

The sky clouded up after midnight and stayed cloudy the rest of the day except for a short period around 9-10:00 am. A light rain fell during the early part of the evening and later in the evening a light fog formed. Temperatures have remained around 40° throughout the day. The moon could be seen as a whitish patch of clouds when the lower clouds opened and you could see the upper.

Gentle to moderate SW winds prevailed

Lowest 7:00 am Relative Humidity Jan. 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) [redacted] 8, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	37	36	36	36	36	36	36	36	36	37	37	37	37	36	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending	RF DNa																							
Amounts of precipitation	T																							
Cloudiness and other conditions	Fog												Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	W	W	W	NW	NW	N	N	N	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	7	7	5	5	5	4	3	4	3	4	5	5	3	3	3	4	4	4	4	4	3	2	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:30 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

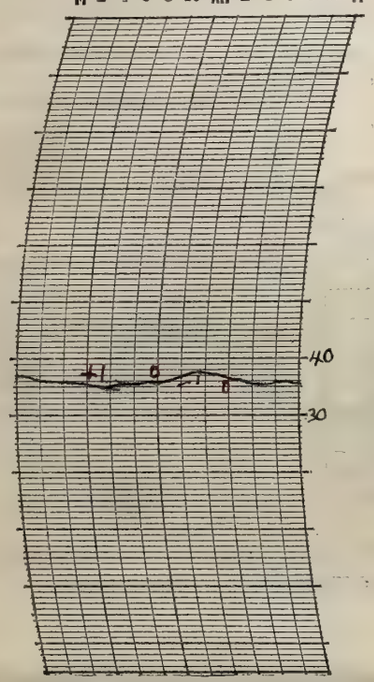
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	35	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 96
Average hourly velocity, 4.0 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 12:08 a m
Reduced barometer, 30.13 7a. m. 30.20 7p. m.
River gage, 4.6 feet
Relative humidity, 85 7a. m. 91 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.0 Wet temperature, 35.5
Dew-point, 35 R. humidity, 85 V. pressure, .203
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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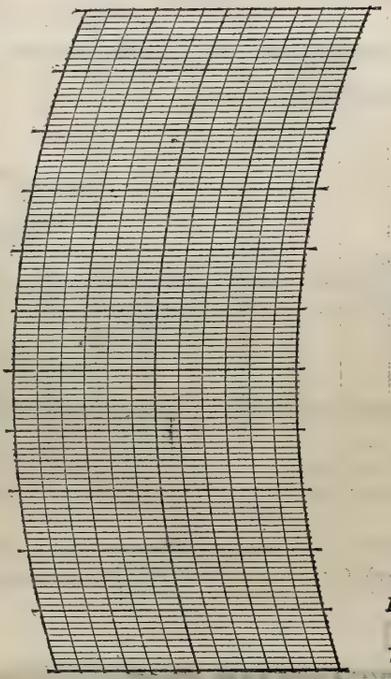
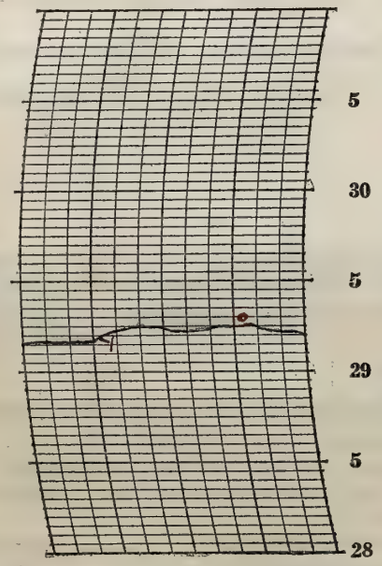


BAROGRAPH.



Prepared by [signature]
Verified by [signature]

NOTES

The sky was completely overcast all day. Temperatures remained practically the same throughout the day. Snow could occasionally be observed in sheltered portions of the woods and fields. The ground was thawed for about two inches but below that remained frozen. There was a light fog in the early morning. The river continues to rise. Light winds prevailed commencing with a slight SW breeze veering to a northerly light air.

Highest minimum temperature for Jan 8.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) January 9, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	35	35	34	34	34	33	33	33
Nature of precipitation and time of beginning and ending	RB DNa	RE DNa										
Amounts of precipitation	T	T										
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	5	4	4	7	7	8	8	8	11	13	14

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: ____ ____

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	35	36	36	35	35	35	35	36	36	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					x Pt. Cldy x			Cloudy				
Sunshine (in tenths of hours)	0	0	0	0.3	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	15	14	14	10	10	10	13	10	8	9	9

Sunset: Time, 4:31 Character, Cloudy

Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

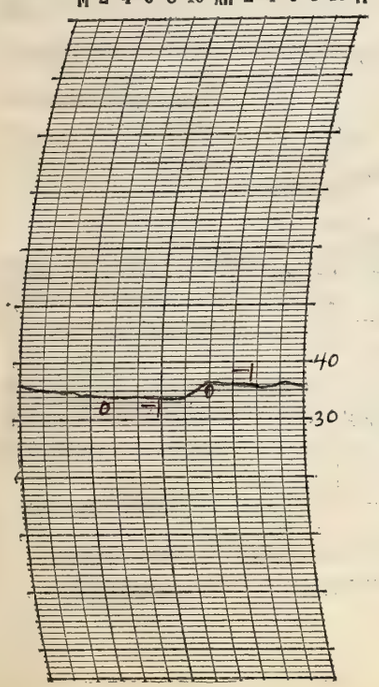
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	33	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.3 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 3
Prevailing wind direction, SW Total wind, 231
Average hourly velocity, 9.6 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 1:20 p.m.
Reduced barometer, 30.01 7 a. m. 29.86 7 p. m.
River gage, 5.3 feet
Relative humidity, 86 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 33.2 Wet temperature, 31.9
Dew-point, 30 R. humidity, 87 V. pressure, .164
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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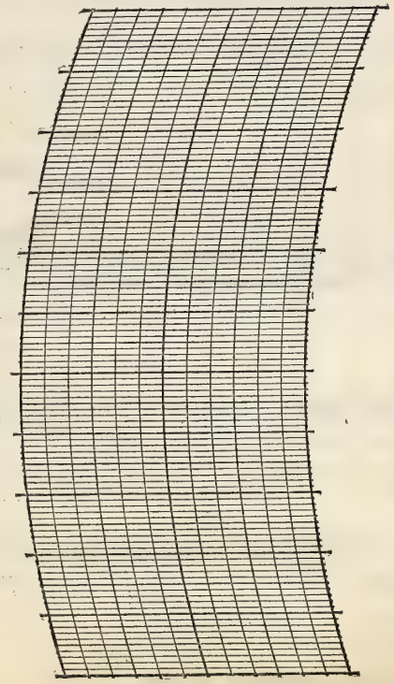
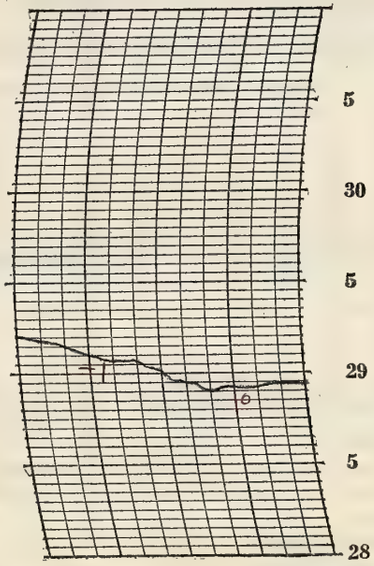


BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

It was cloudy all day except during the middle and later part of the afternoon. Temperatures remained nearly the same. A light sprinkle occured during the early morning leaving the streets and sidewalks wet at dawn. The sun shone for for a short time after 3:00 p.m.; clouds then overcast its face but were dispersed and the sun again shone. However clouds again overcast the face of the sun after 3:35 p.m.

The river continues to rise.

Light to moderate SW winds prevailed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) January 10, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	32	31	31	32	33	33	33	32	33	38	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Hy Fog	Fog	Fog	Fog	Cloudy			Pt Cldy	
Sunshine (in tenths of hours)								0	0	0	0.8	1.0
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	10	8	6	7	7	8	8	10	11	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	49	50	50	49	45	45	45	45	44	45	45
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.53 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	18	15	13	15	16	19	19	18	15	14

State of weather.

Sunrise: Time, 7:06 Character, Foggy
Moonrise:

Sunset: Time, 4:32 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

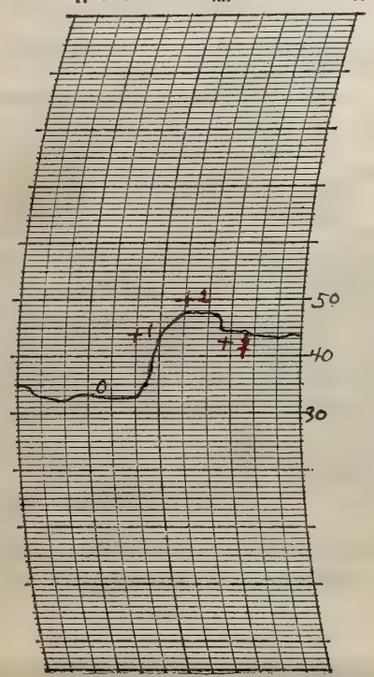
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.3 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind, 299
Average hourly velocity, 12.5 Extreme velocity, 24
Maximum velocity, 23 Direction, SW
Time began, 7:29 p.m.
Reduced barometer, 29.89 7 a. m. 29.72 7 p. m.
River gage, 5.4 feet
Relative humidity, 92 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.9 Wet temperature, 40.0
Dew-point, 35 R. humidity, 71 V. pressure, .203
Clouds: Amount, 6; Kind, ci; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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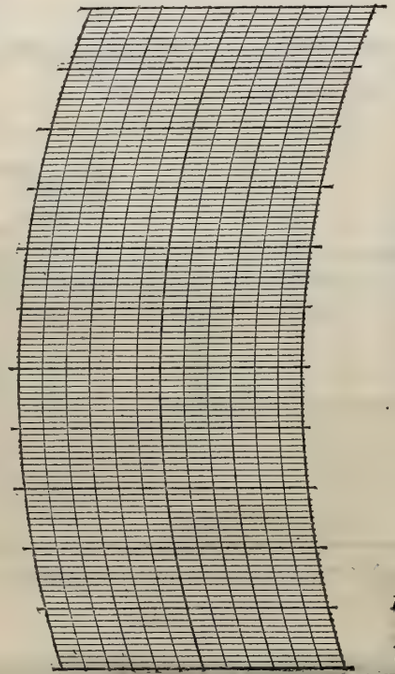
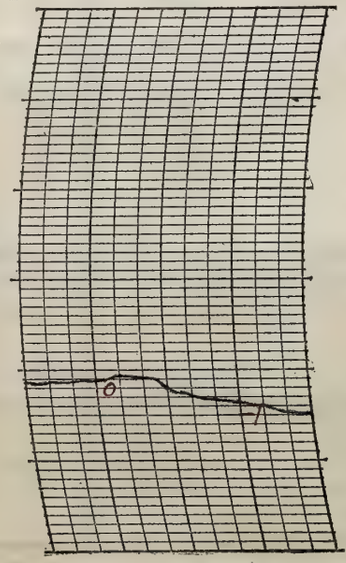


BAROGRAPH.



Prepared by CJS
Verified by E.L.H.

NOTES

A light fog formed in the early morning and became dense. By 7:10 a.m. it had again become light and was gone by 9:00 a.m. The sky gradually cleared up and continued clear into the night. The moon and stars were visible. Temperatures rose until mid-afternoon and only fell slightly before midnight. The river rose very little since yesterday. Light to moderate SW winds prevailed reaching fresh breeze at times.

Highest maximum for Jan. 10.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) January 11, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	40	40	39	38	37	37	39	41	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear									Pt. Cldy	Cldy	
Sunshine (in tenths of hours)								0.82 0	0.3	1.0	1.0	0.6
Wind direction	SW	SW	W	W	W	SW	SW	SW	W	W	NW	W
Wind movement	12	12	10	11	8	8	6	6	7	11	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	42	41	40	40	39	38	38	37	37	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy		Pt. Cloudy					Cloudy				
Sunshine (in tenths of hours)	0.2	0.1	0	0	0.2 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	11	11	9	8	9	7	7	7	9	7	5	5

State of weather.

Sunrise: Time, 7:05 Character, Clear

Moonrise:

Sunset: Time, 4:33 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	37	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 4.2 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 44

Prevailing wind direction, W Total wind, 209

Average hourly velocity, 8.7 Extreme velocity, 16

Maximum velocity, 15 Direction, NW

Time began, 11:43 a.m.

Reduced barometer, 29.76 7 a. m. 29.97 7 p. m.

River gage, 5.6 feet

Relative humidity, 87 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

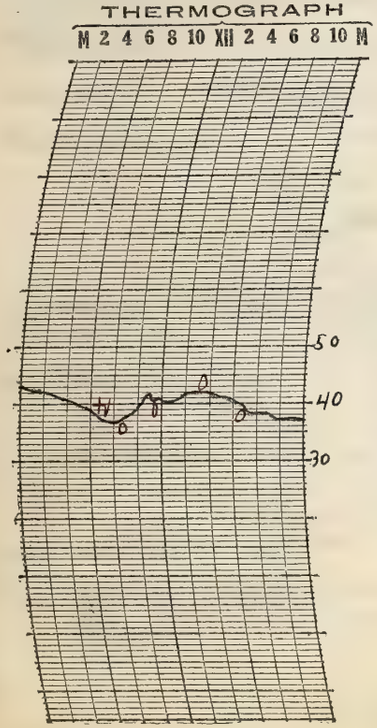
Dry temperature, 40.4 Wet temperature, 37.8

Dew-point, 34 R. humidity, 79 V. pressure, .195

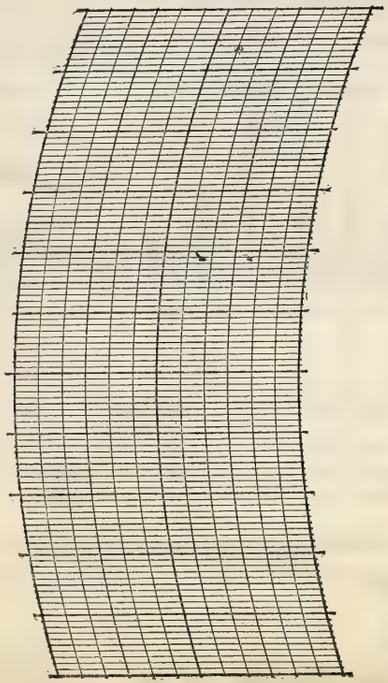
Clouds: Amount, 10; Kind, stau; Direction, NW

Velocity of clouds (miles per hour)

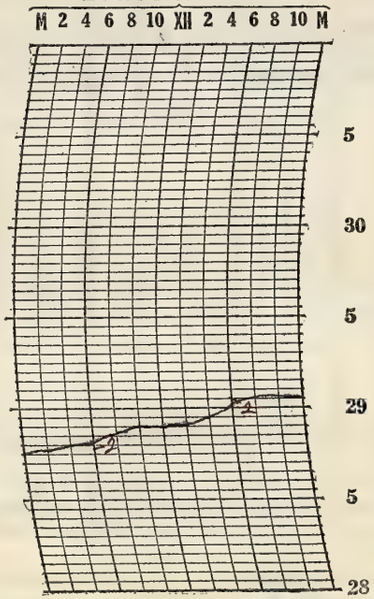
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJL

Verified by E. L. H.

B—486

NOTES

It was clear during the early part of the morning but commenced clouding up by 9:00 a.m. and continued partly cloudy to cloudy throughout the rest of the day. Temperatures decreased throughout the greater part of the day. The sun broke through the clouds at 4:08 p.m. and continued shining until 4:20 p.m. when it sank behind a bank of clouds.

The river still rises slowly.

Light to gentle westerly winds reaching moderate strength prevailed.

Highest mean for Jan 11

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) January 12, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	35	34	34	34	34	36	38	40	41	44	46	48	48	46	45	45	45	44	44	44	43
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:15
Amounts of precipitation																								T
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	5	5	8	11	10	10	12	13	11	10	12	15	15	16	13	12	12	12	12	11	10	8

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:
Sunset: Time, 4:34 Character, Cloudy
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

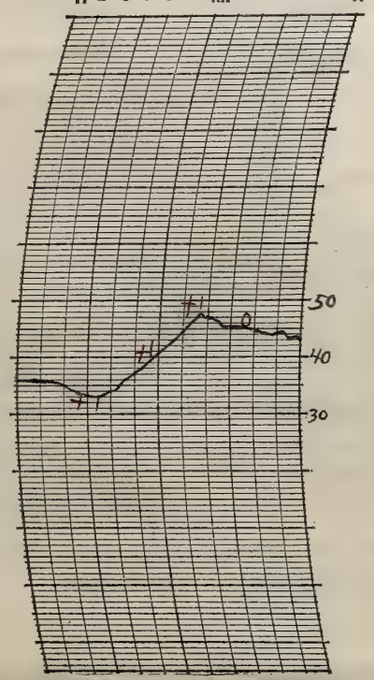
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	33	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 1
Prevailing wind direction, SW Total wind, 251
Average hourly velocity 12.5 Extreme velocity, 19
Maximum velocity, 19 Direction, SW
Time began, 3:02 p.m.
Reduced barometer, 29.89 7 a. m. 29.56 7 p. m.
River gage, 6.2 fall
Relative humidity, 88 7 a. m. 79 7 p. m.

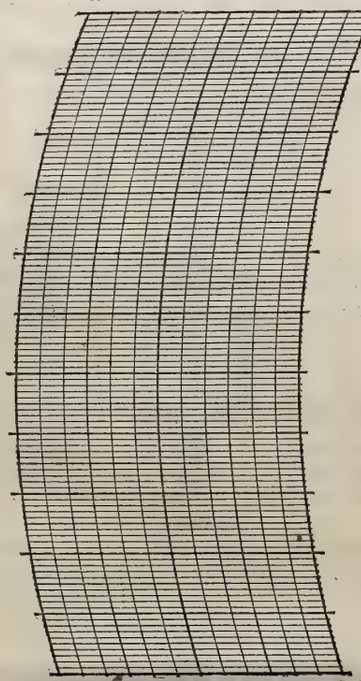
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.9 Wet temperature, 38.3
Dew-point, 35 R. humidity, 79 V. pressure, 2.03
Clouds: Amount, 10; Kind, stcu.; Direction, SW
Velocity of clouds (miles per hour)

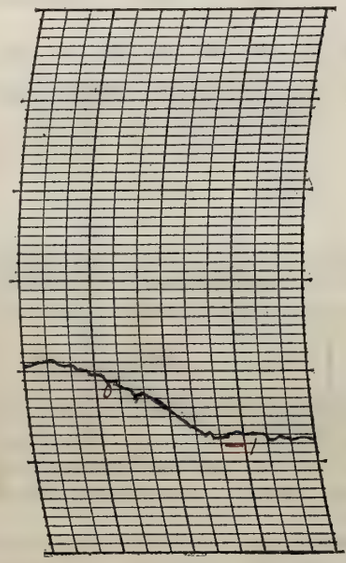
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ
Verified by E.L.H

NOTES

The sky was entirely overcast most of the time. At about 3:10 pm the sun shone for a few minutes. Temperatures gradually rose until mid-afternoon and then began to fall until midnight.

The river has continued to rise.

Light wind increasing to moderate prevailed from the SW and S.

At 11:15 pm a light rain commenced falling and continued.

Highest mean for Jan 12

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) January 13, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	41	41	40	39	39	40	41	44	45
State of weather: Nature of precipitation and time of beginning and ending		RE DNG										
Amounts of precipitation	T	T										
Cloudiness and other conditions	Cldy						Clear					
Sunshine (in tenths of hours)								0.1	1.0	0.9	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	7	9	9	10	8	11	9	9	13	11	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	40	40	39	40	40	39	38	38	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			xPt.		Cldy x				Cloudy			
Sunshine (in tenths of hours)	1.0	0.6	0.1	0.1	0							
Wind direction	W	W	W	W	W	W	W	SW	W	SW	W	S
Wind movement	17	16	13	11	9	6	6	6	5	5	4	4

Sunrise: Time, 7:05 Character, Cloudy

Moonrise:

Sunset: Time, 4:35 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

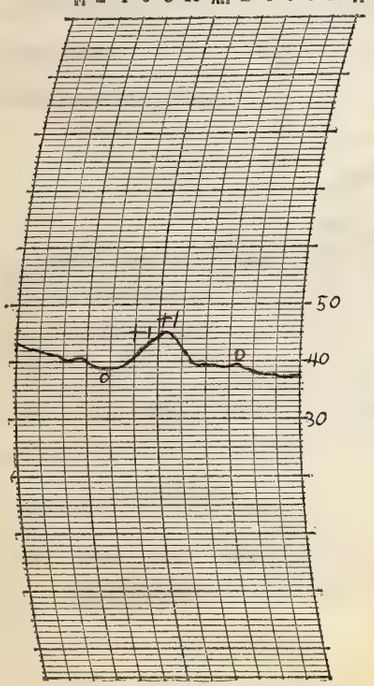
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 6 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.8 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind, 228
Average hourly velocity, 9.5 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 9:01 p.m.
Reduced barometer, 29.5 7 a. m. 29.82 7 p. m.
River gage, 6.4 feet
Relative humidity, 88 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 45.3 Wet temperature, 40.2
Dew-point, 34 R. humidity, 64 V. pressure, .195
Clouds: Amount, 2; Kind, st. cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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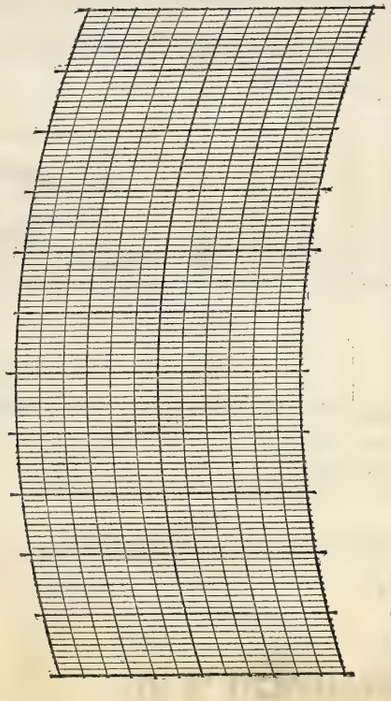
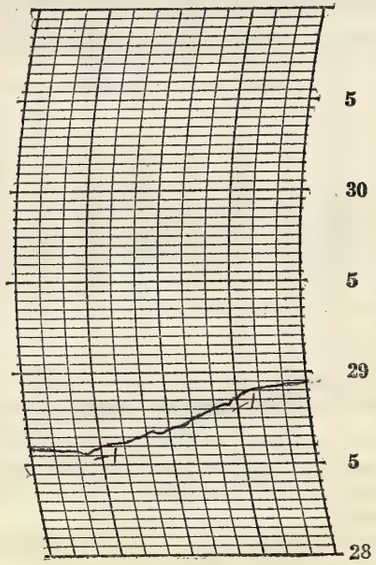


BAROGRAPH.



Prepared by CJJ

Verified by E. L. H.

8—486

NOTES

A light rain continued from yesterday and ended some time after 1:00 a.m. It rapidly cleared up and the moon and stars became visible. It remained clear until mid afternoon when it commenced to become cloudy and became completely overcast. Temperatures stayed about the same.

The river still rises.

Light to moderate S to W winds reaching a fresh breeze prevailed.

Highest minimum for Jan 13

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) January 14, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	35	37	38	39	40	41	43	47	51
Nature of precipitation and time of beginning and ending	RB DNa	RE DNa										
Amounts of precipitation	← 02 →											
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	SE	E	SE	SE	SE	SE	SE	SE	S	S	SW
Wind movement	4	2	3	5	5	7	6	6	8	11	14	17

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	58	60	60	58	58	58	57	56	55	55	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← PC Cldy		Clear		PC Cldy			Cloudy				→
Sunshine (in tenths of hours)	0.4	1.0	1.0	1.0	0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW
Wind movement	18	19	19	17	16	12	15	14	13	9	8	10

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:

Sunset: Time, 4:36 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

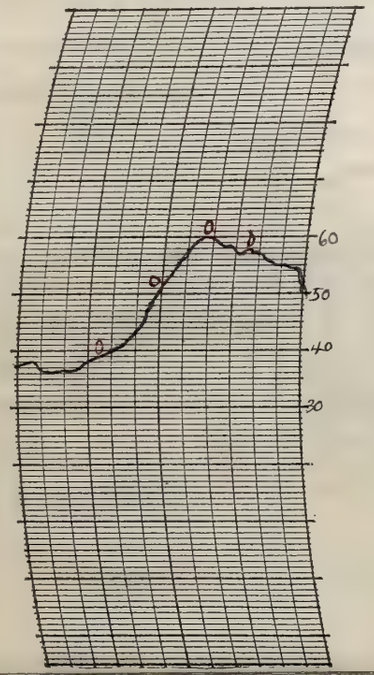
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	60	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, PC Cloudy Moon phase, Last - 3:14 pm
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 37
Prevailing wind direction, SW Total wind, 258
Average hourly velocity, 10.8 Extreme velocity, 25
Maximum velocity, 22 Direction, SW
Time began, 12:53 p.m.
Reduced barometer, 29.81 7 a. m. 29.72 7 p. m.
River gage, 6.9 fall
Relative humidity, 92 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.0 Wet temperature, 49.2
Dew-point, 47 R. humidity, 88 V. pressure, .222
Clouds: Amount, 10; Kind, stu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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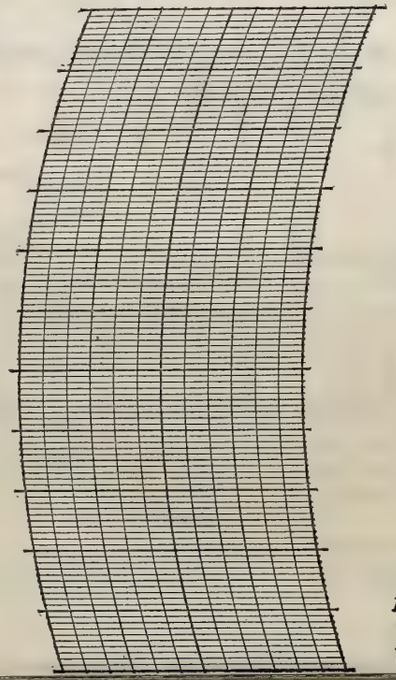
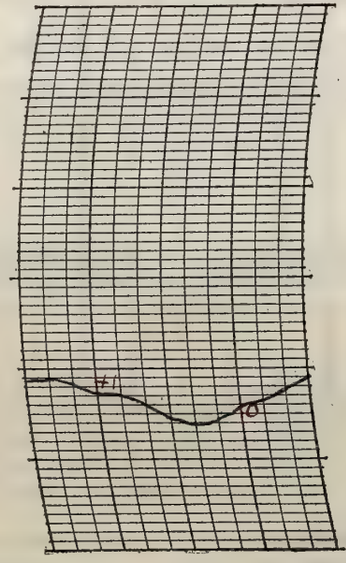


BAROGRAPH.



Prepared by C.H. Earth

Verified by

NOTES

A light rain commenced after 12:01 a.m. and ended before 1:30 a.m. It was cloudy most of the day except during the middle of the afternoon when it cleared up. However it again clouded up and continued cloudy into the night. Temperatures have risen considerably. The river again rose. Light to moderate E to NW winds, reaching the strength of a fresh breeze at times, prevailed.

Highest maximum for Jan. 14

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) January 15, 1928

Time (local standard 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	42	39	39	39	38	38	36	34	32	31	30	29	29	28	28	27	27	27	26	26	25	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	E	E
Wind movement	6	7	8	9	10	11	13	13	11	13	13	12	16	16	15	13	15	15	15	16	14	14	14	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:
Sunset: Time, 4:37 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

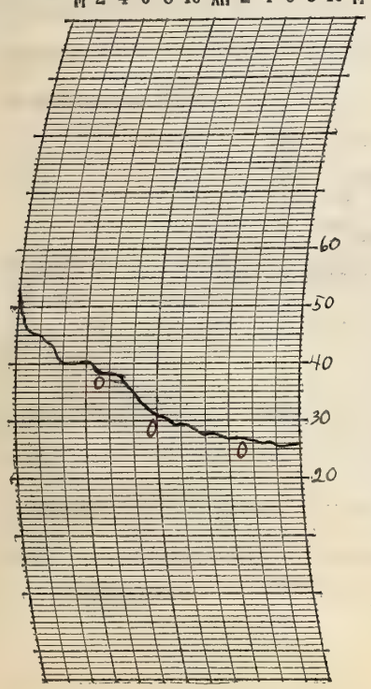
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	25	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 22
Maximum velocity, 20 Direction, NE
Time began, 9:08 p.m.
Reduced barometer, 30.20 7 a. m. 30.46 7 p. m.
River gage, 6.8 feet
Relative humidity, 85 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.4 Wet temperature, 30.0
Dew-point, 28 R. humidity, 85 V. pressure, 150
Clouds: Amount, 10; Kind, st cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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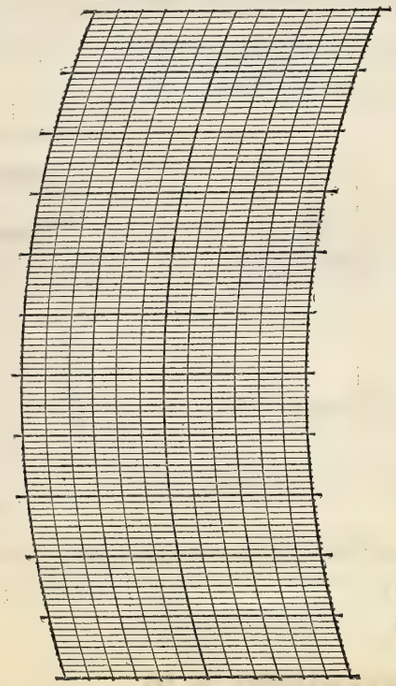
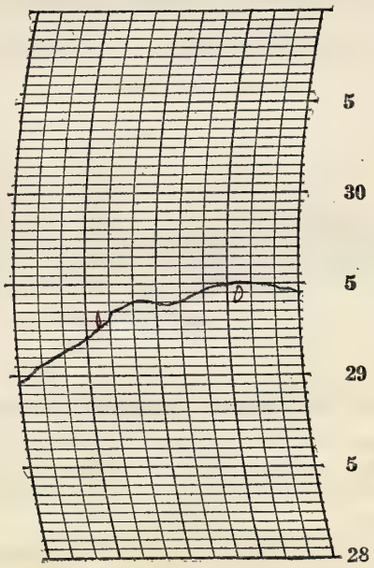


BAROGRAPH.



Prepared by C.J.
Verified by E. L. H.

8—486

NOTES

The sky was completely overcast all day. Temperatures fell throughout the day. During the afternoon, the wind, in the country, was chilling and penetrating coming from the E.
The river has fallen slightly.
Light to moderate winds veering from NW to E and reaching at times the force of a brisk breeze prevailed throughout the day.

Highest maximum for Jan. 15

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) January 16, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	27	27	28	29	30	31	33	35	37
State of weather: Nature of precipitation and time of beginning and ending										RB 9:12		
Amounts of precipitation												
Cloudiness and other conditions								Lt Fog	Heavy Fog		Lt Fog	Cloudy
Sunrise: Time, 7:04 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	S
Wind movement	13	11	8	9	7	5	5	5	4	4	3	6
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	41	42	43	45	44	43	39	37	35	34
State of weather: Nature of precipitation and time of beginning and ending								RF 7:30				
Amounts of precipitation								T				
Cloudiness and other conditions	Cloudy	Light Fog			Dense Fog			Lt Fog				
Sunset: Time, 4:39 Character, Foggy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	W	W	W	WNW	NW	NW	W
Wind movement	5	6	7	6	5	9	13	13	14	12	11	7
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

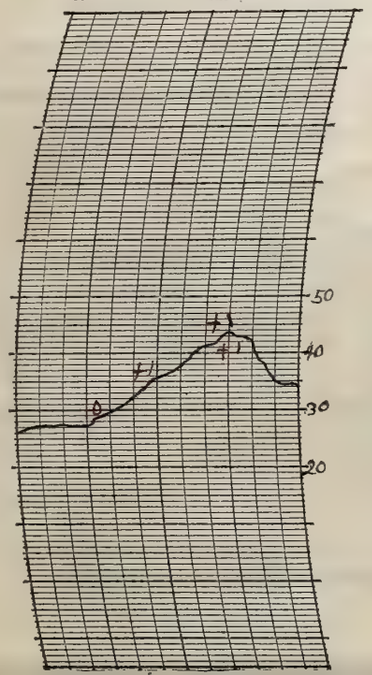
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	26	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 8:55 p.m.
Reduced barometer, 30.26 7 a. m. 30.10 7 p. m.
River gage, 6.6 feet
Relative humidity, 88 7 a. m. 96 7 p. m.

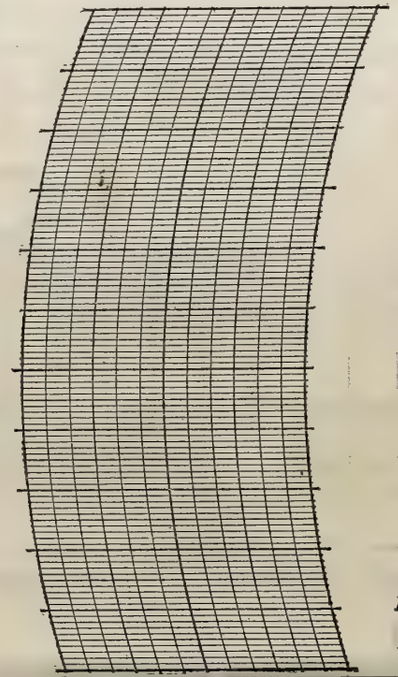
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.8 Wet temperature, 36.8
Dew-point, 37 R. humidity, 100 V. pressure, .219
Clouds: Amount, 10; Kind, nb; Direction, S
Velocity of clouds (miles per hour)

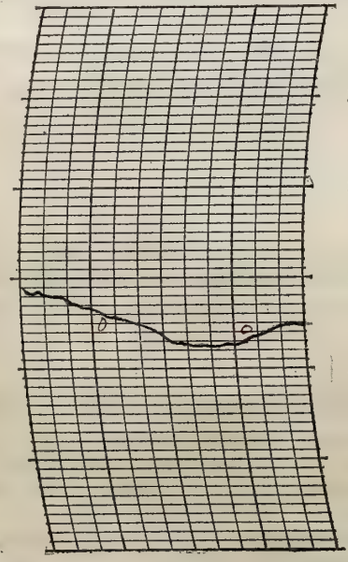
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

R—486

NOTES

The sky was completely overcast all day. From shortly after sunrise until about 1½ hours after sunset, there was a fog which varied during the day from light to dense. It was unusually foggy and disagreeable from 3:00 p.m. through to 6:00 p.m. The fog gradually cleared up after 5:00 p.m. Rain commenced falling at 9:12 a.m. and continued until 7:30 p.m. Temperatures rose until near 6:00 p.m. and then commenced falling.

The river is still falling slightly.

Light to moderate E veering to NW winds prevailed.

Lt fog 7:10 AM – 7:40 AM; Hy Fog 7:40 AM – 9:30 AM; Lt fog 9:30 a.m. – 11:10 a.m.; D. fog 11:10 a.m. – 1:30 p.m.; Lt fog 1:30 p.m. – 2:45 p.m.; Dense fog 2:45 p.m. – 5:00 p.m.; Light fog 5:00 p – 6:10 p.m.

Several deaths have occurred.

Form No. 1014—Met. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) January 17, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	32	32	33	33	33	34	34	34	35	37	38	38	35	32	31	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												x Pt. Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0.2	0.8	1.0	1.0	0.8	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	6	5	8	6	6	7	7	6	7	7	8	8	9	9	7	6	8	8	9	6	8	5
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise:

Sunset: Time, 4:40 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

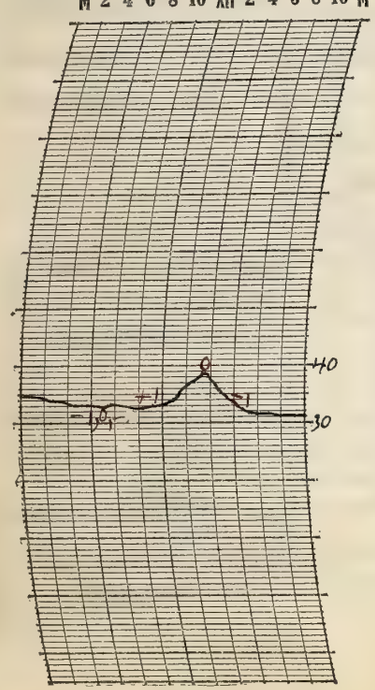
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.8 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 40
Prevailing wind direction, NW Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 3:05 p.m.
Reduced barometer, 30.21 7 a. m. 30.13 7 p. m.
River gage, 6.1 feet
Relative humidity, 76 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.9 Wet temperature, 31.1
Dew-point, 27 R. humidity, 74 V. pressure, .143
Clouds: Amount, 10; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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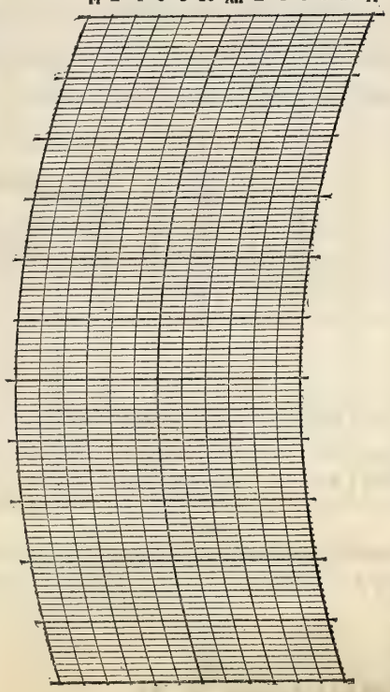
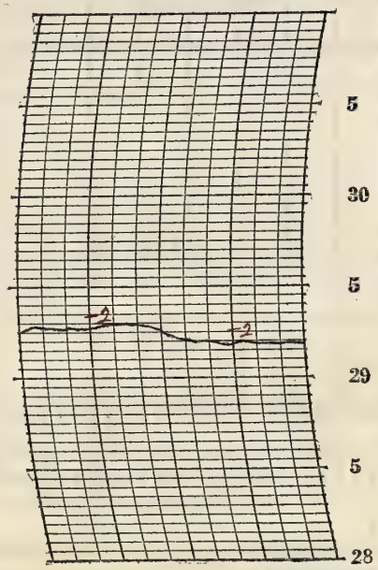


BAROGRAPH.



Prepared by EJS

Verified by E. L. H.

8—486

NOTES

The sky was completely overcast until shortly before noon when it commenced clearing and became partly cloudy. Stars were visible during the evening. Temperatures remained nearly the same.

The river has fallen since yesterday.

Light winds backing from NW to SW reaching at times a gentle breeze prevailed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) January 18, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	30	30	29	29	30	28	29	31	32	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	4	6	6	3	3	4	1	5	5	4	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	39	39	38	38	38	38	38	38 RB 9:20	38	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation										← .16 →		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	.02	0	0	0	0							
Wind direction	S	S	S	SE	SE	SE	SE	SE	SE	S	S	S
Wind movement	4	5	3	2	3	3	3	6	5	6	5	5

Sunrise: Time, 7:03 Character, Cloudy
Moonrise:

Sunset: Time, 4:41 Character, Cloudy
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

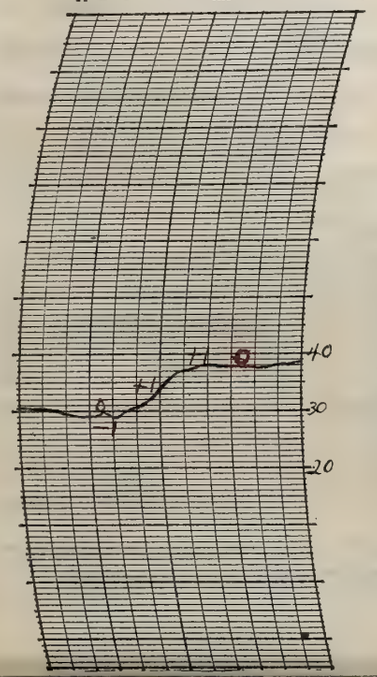
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	28	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 2
Prevailing wind direction, SW Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 8
Maximum velocity, 8 Direction, SW
Time began, 1:12 a.m.
Reduced barometer, 30.06 7 a. m. 29.87 7 p. m.
River gage, 5.7 feet
Relative humidity, 85 7 a. m. 75 7 p. m.

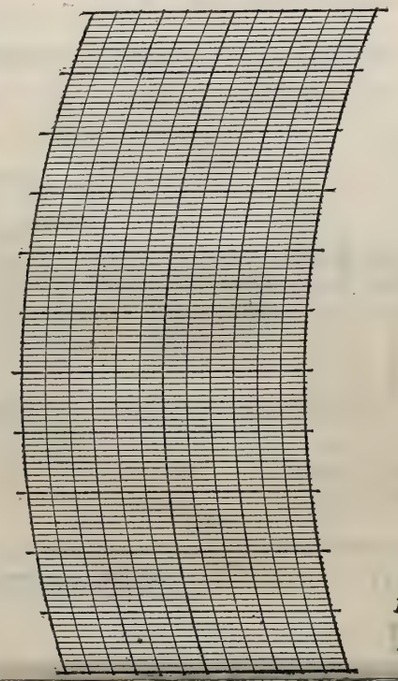
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 33.0
Dew-point, 30 R. humidity, 83 V. pressure, .164
Clouds: Amount, 10; Kind, stau; Direction, S
Velocity of clouds (miles per hour)

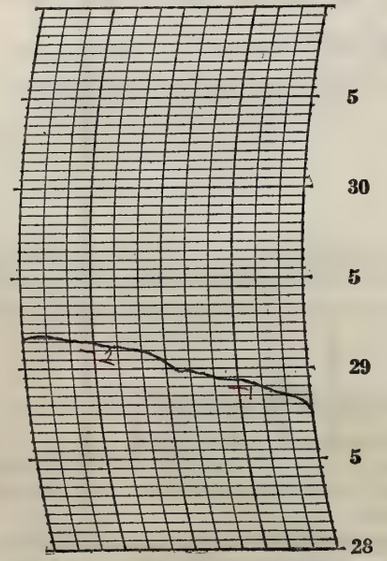
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
Verified by F.L.H

NOTES

Stars were visible in the early morning. It became cloudy and continued cloudy throughout the day. Temperatures, as a rule, rose during the day. Rain commenced falling at 9:20 p.m. and continued to rain.

The river has fallen some more.

Light SW winds backing to SE & S reaching the force of a gentle breeze prevailed

Least daily change for Jan 1928

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) January 19, 1928

90

Time (local standard) ____ mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	41	42	43	44	45	46	47	47	45	45
Nature of precipitation and time of beginning and ending									RE 8:13	RB 9:35 RE 9:55		
Amounts of precipitation				.3	7				.28	.02		
Cloudiness and other conditions									Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.8	0.2
Wind direction	SE	SE	SE	SE	SE	S	SE	S	SW	SW	W	W
Wind movement	5	7	8	7	7	9	9	9	6	13	13	19
Maximum velocities (exceeding 25 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	36	32	37	36	35	34	31	30	26	22
Nature of precipitation and time of beginning and ending			SW B 2:00 SWE 2:30									SM 11:30 p DNP
Amounts of precipitation			T									T
Cloudiness and other conditions									PT. Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	27	21	17	20	23	22	21	23	27	25	34	28
Maximum velocities (exceeding 25 miles) direction and time	31 W 12:05	30 W 1:02		35 W 3:27		26 W 5:11		27 W 7:42	32 W 8:02	32 W 9:47	39 W 10:28	34 W 11:00

Sunrise: Time, 7:02 Character, Cloudy

Moonrise: ____

Sunset: Time, 4:42 Character, Cloudy

Moonset: ____

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	22	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0.53 ins.; to 7 p. m., 0.30 ins.

Total precipitation, midnight to midnight, 0.67 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.0 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 10

Prevailing wind direction, W Total wind, 400

Average hourly velocity, 16.7 Extreme velocity, 44

Maximum velocity, 39 Direction, W

Time began, 10:28 p.m.

Reduced barometer, 29.25 7 a. m. 29.48 7 p. m.

River gage, 5.8 feet *

Relative humidity, 100 7 a. m. 73 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts ____

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

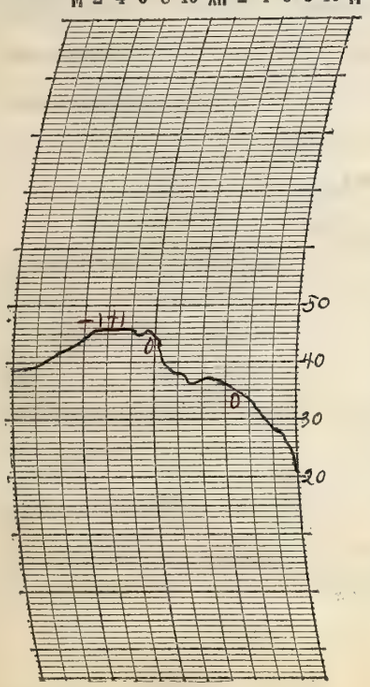
Dry temperature, 44.9 Wet temperature, 41.8

Dew-point, 39 R. humidity, 78 V. pressure, .237

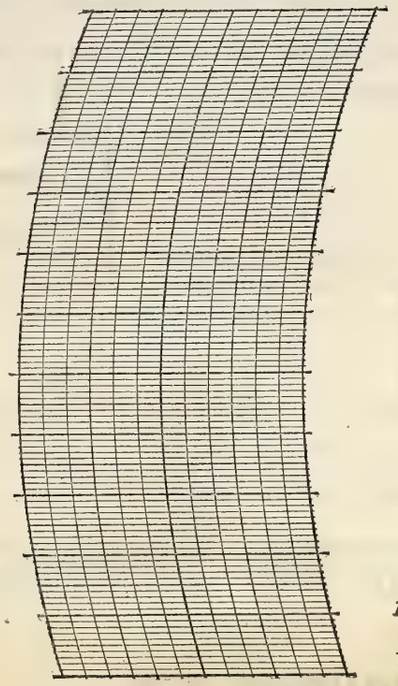
Clouds: Amount, 10; Kind, st cu.; Direction, W

Velocity of clouds (miles per hour) ____

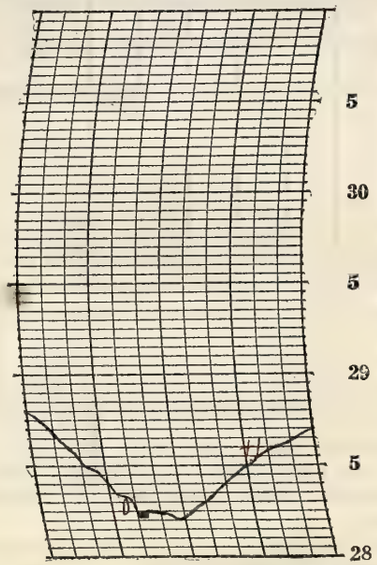
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.

Verified by E. L. H.

8—486

NOTES

It was cloudy all day except during the late evening when some of the Stars were visible. Rain fell during the morning until 8:13 a.m. when it stopped for a while and then rained for a short time. Snow fell during the afternoon commencing at 2:00 p.m. Temperatures have fallen the greater part of the day.

The river has had a slight rise.

Light SE winds veering to W winds which reached Gale force prevailed. Caused some damage

* River gage read 9.3 feet at 4:30 p.m.

Greatest rainfall for Jan. 19.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) January 20, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	18	16	11	9	8	8	7	7	8	9	10
State of weather: Nature of precipitation and time of beginning and ending												SP B 11:35 SP E 11:35
Amounts of precipitation												T
Cloudiness and other conditions					←	Cloudy						Cloudy
Sunshine (in tenths of hours)								0	0	0.6	1.0	0.9
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	30	25	27	27	25	24	22	21	22	24	24	25
Maximum velocities (exceeding 24 miles) direction and time	33 W 12:28	30 W 1:22	31 W 2:15	31 W 3:39	31 W 4:55	28 W 5:18	25 W 6:16	25 W 7:15	27 W 8:00	27 W 9:26	28 W 10:03	29 W 11:00

Sunrise: Time, 7:01 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	12	12	12	11	11	11	10	9	9	9
State of weather: Nature of precipitation and time of beginning and ending								SP B 7:15 SP E 7:45				
Amounts of precipitation								T				
Cloudiness and other conditions			Cloudy					×	Pt Cldy			
Sunshine (in tenths of hours)	0.8	0.2	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	25	22	24	22	23	21	23	23	21	15	16
Maximum velocities (exceeding 24 miles) direction and time	28 W 12:51	30 W 1:14	26 W 2:33	27 W 3:39	27 W 4:17	27 W 5:05	25 W 6:47	28 W 7:13	26 W 8:20			

Sunset: Time, 7:43 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	6	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 36
Prevailing wind direction, W Total wind, 553
Average hourly velocity, 23.0 Extreme velocity, 37
Maximum velocity, 33 Direction, W
Time began, 12:28 a.m.
Reduced barometer, 29.87 7 a. m. 30.04 7 p. m.
River gage, 11.4 feet
Relative humidity, 95 7 a. m. 87 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

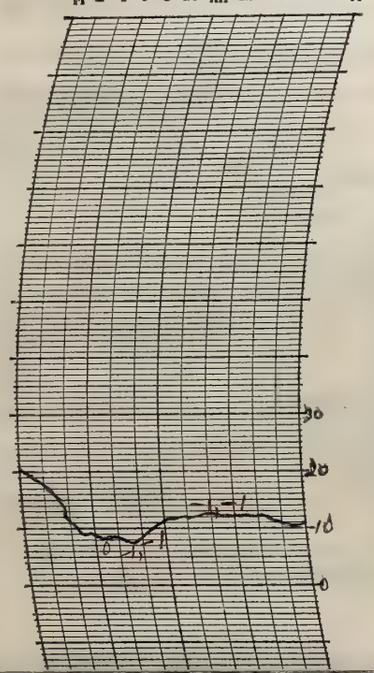
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 9.8 Wet temperature, 8.6
Dew-point, 4 R. humidity, 74 V. pressure, .242
Clouds: Amount, 9; Kind, St cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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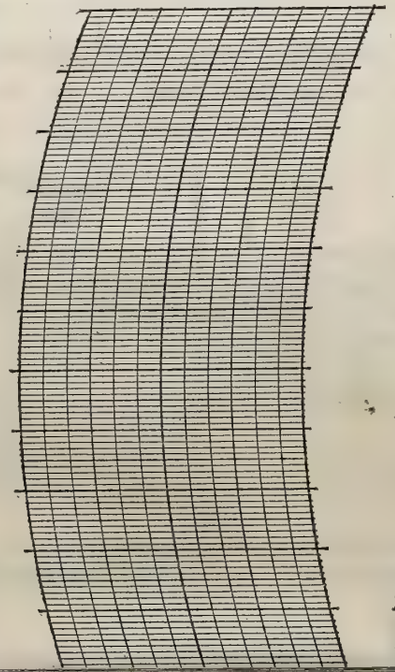
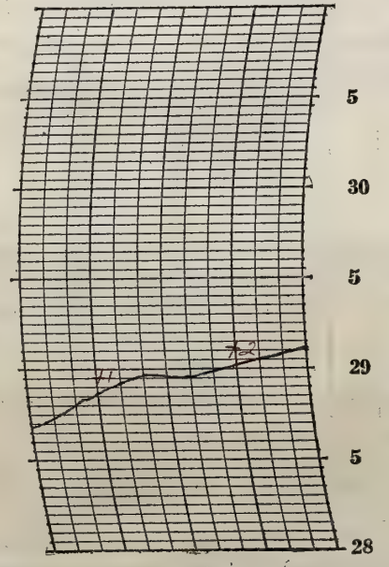


BAROGRAPH.



Prepared by CJ

Verified by

NOTES

It was cloudy most of the day except near 11:00 a.m., and it commenced to clear up during the evening. Temperatures fell rapidly during the early morning and remained practically the same the rest of the day.

Strong western winds diminishing to a moderate breeze prevailed.

The river almost doubled its height in the last 24 hours.

Greatest daily change for Jan 1928

FORM NO. 1014—MOD 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) January 21, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	7	7	7	6	6	6	6	7	9	12	14
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear × Pt. Cloudy ×							
Sunshine (in tenths of hours)								0.88 0.1	0.8	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	16	15	15	13	12	14	13	14	14	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	18	20	21	20	20	19	19	18	17	17	18
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.42 0.3							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	15	13	14	10	7	8	10	9	10	9	9

Sunrise: Time, 7:01 Character, Clear

Moonrise:

Sunset: Time, 4:44 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	6	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 98

Prevailing wind direction, W Total wind, 310

Average hourly velocity, 13.0 Extreme velocity, 24

Maximum velocity, 23 Direction, W

Time began, 12:23 a.m.

Reduced barometer, 30.25 7 a. m. 30.30 7 p. m.

River gage, 9.3 feet

Relative humidity, 96 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

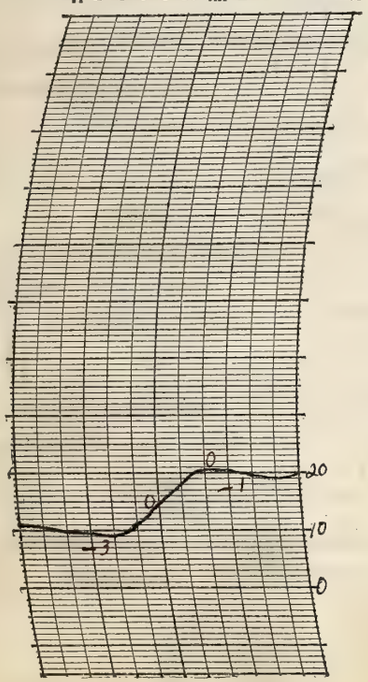
Dry temperature, 14.2 Wet temperature, 12.1

Dew-point, 5 R. humidity, 62 V. pressure, .049

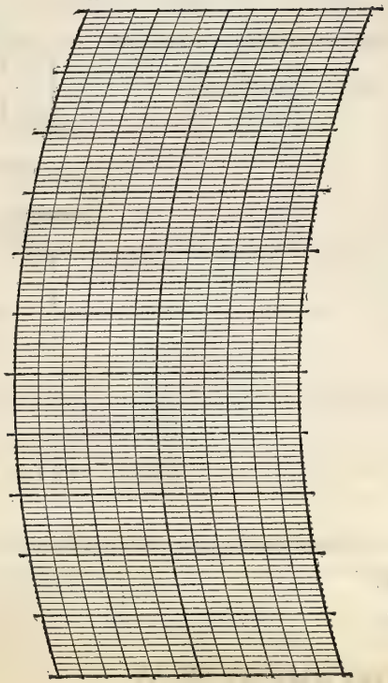
Clouds: Amount, 4; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

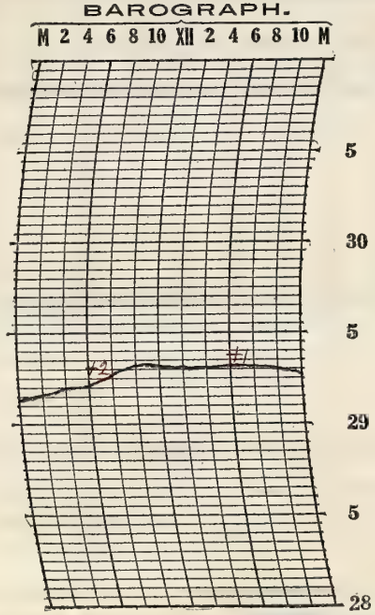
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. Hardy

8—486

NOTES

It was clear practically all day except for several hours around 10 a.m. when it was partly cloudy. Temperature rose most of the day.

The river fell a couple of feet since yesterday.

Fresh W winds shifting to SW gentle to light winds, prevailed throughout the day.

Least daily change for Jan 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) 22, 1928

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	20	22	24	24	24	27	32	35	37	38	39	40	40	38	37	37	37	35	34	33	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear											×	Pt. Cloudy ×				Cloudy				× Pt ×	Clear →		
Sunshine (in tenths of hours)								0.6 0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5 0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	11	13	13	12	12	13	15	16	19	21	20	20	21	20	19	19	18	20	19	18	16	15
Maximum velocities (exceeding 27 miles) direction and time														25 SW 1.08										

Sunrise: Time, 7:00 Character, Clear

Moonrise:

Sunset: Time, 4:46 Character, Clear

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	18	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, New 2:17 pm

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 97

Prevailing wind direction, SW Total wind, 389

Average hourly velocity, 16.2 Extreme velocity, 29

Maximum velocity, 25 Direction, SW

Time began, 1:08 p.m.

Reduced barometer, 30.17 7 a. m. 30.02 7 p. m.

River gage, 6.1 feet

Relative humidity, 75 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

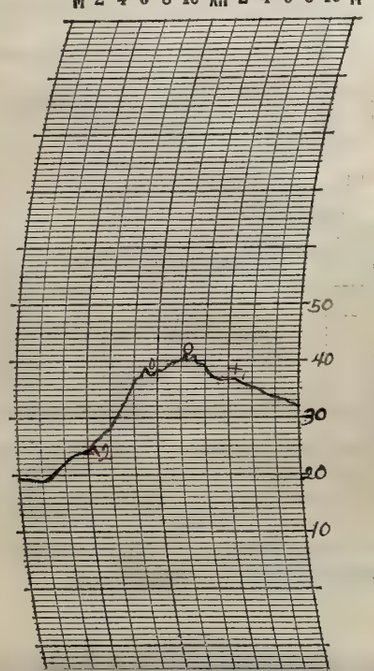
Dry temperature, 37.8 Wet temperature, 31.3

Dew-point, 21 R. humidity, 47 V. pressure, .108

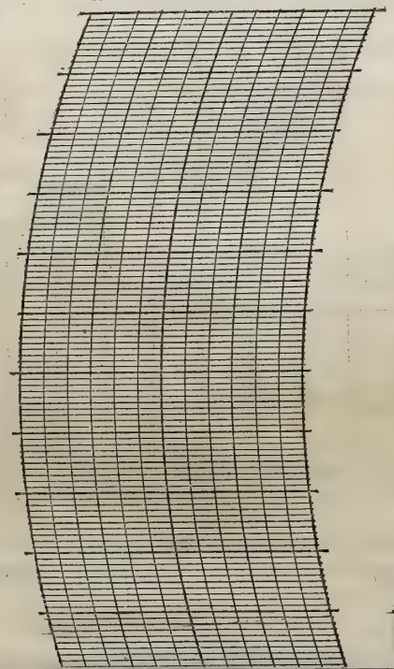
Clouds: Amount, 6; Kind, cist; Direction, SW

Velocity of clouds (miles per hour)

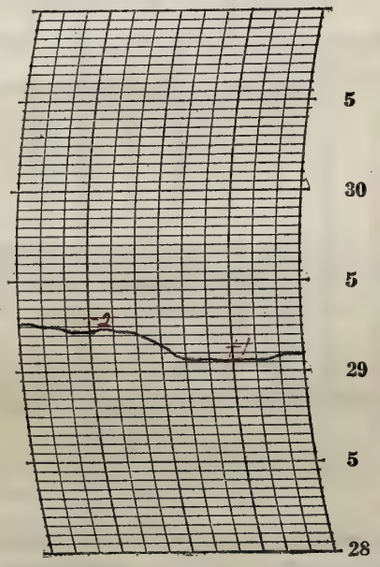
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.F.S.

Verified by Edw. H. Hardy

NOTES

The morning was clear, gradually becoming cloudy by late afternoon and the early evening and clearing up after 8:00 p.m. when the stars became visible. It was much warmer hour for hour than yesterday. Snow remained in only the sheltered places. The ground thawed for about 1 inch.

The river has fallen several feet.

Gentle SW winds becoming fresh prevailed throughout the day.

Lowest 7:00 pm Relative humidity for Jan. 1928

FORM NO. 1014—MOD 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) January 23, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	29	28	27	27	27	30	33	37	39	40	43	43	43	41	39	38	37	36	36	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear						Pt Cldy	Cldy	Clear	Clear		Pt. Cloudy			
Sunshine (in tenths of hours)							0	0.6 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.4	0.3 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	16	17	12	12	12	12	11	10	11	11	8	9	9	10	7	8	6	8	5	7	8	8	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:59 Character, Cloudy
Moonrise:
Sunset: Time, 4:47 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

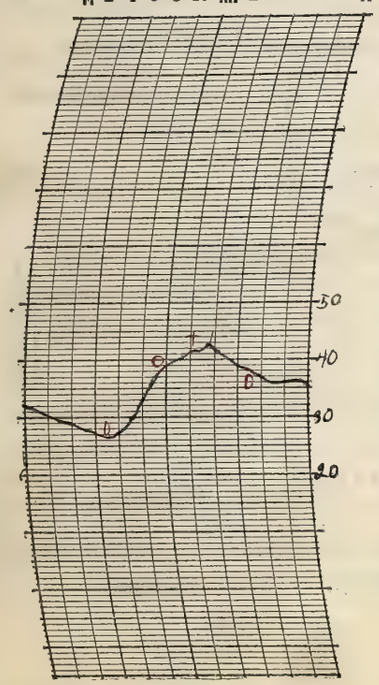
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.6 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind, 232
Average hourly velocity, 9.7 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 1:45 a.m.
Reduced barometer, 30.13 7 a. m. 30.02 7 p. m.
River gage, 5.8 feet
Relative humidity, 87 7 a. m. 71 7 p. m.

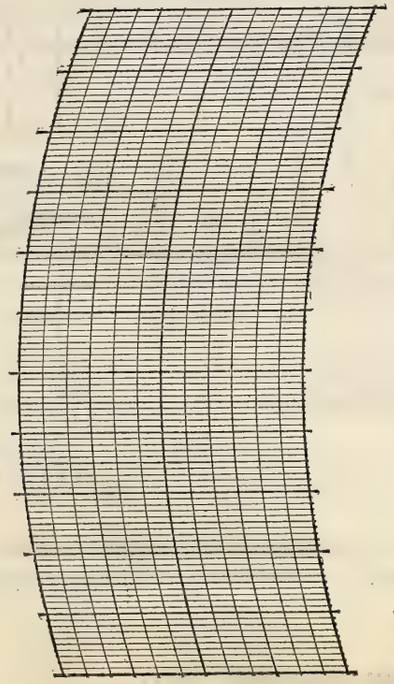
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 39.2 Wet temperature, 34.1
Dew-point, 27 R. humidity, 59 V. pressure, 143
Clouds: Amount, 2; Kind, ci; Direction, SW
Velocity of clouds (miles per hour)

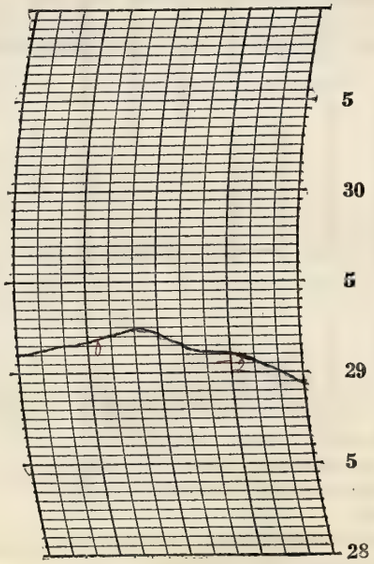
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.J.
Verified by E. L. H.

8—486

NOTES

It was clear the greater part of the day. During the afternoon near 3:00 p.m. it commenced clouding up, becoming cloudy around 5:00 p.m. Then it cleared, and continued partly cloudy the rest of the evening. Temperature are warmer than yesterday's. The stars were visible in the evening and also during the morning.

The river has fallen a little.

Moderate SW winds backing to SE and becoming light prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) January 24, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	37	38	40	41	41	42	42	42	41	41
Nature of precipitation and time of beginning and ending				RB DNa					RE 8:15	RB 9:35		
Amounts of precipitation					.05		X	.1	3	<	.2	7
Cloudiness and other conditions				<								
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	7	8	9	12	12	14	13	11	11	9	7	6
Maximum velocities (exceeding 2[illegible] miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	34	34	33	33	32	32	31	29	28
Nature of precipitation and time of beginning and ending				RE 3:15 SW 3:15				RE 7:10				
Amounts of precipitation		X		.16			X	T				
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	SW	NW	NW	W	NW	NW	NW	NW	W	W
Wind movement	4	2	4	7	6	11	21	23	26	24	26	23
Maximum velocities (exceeding 2[illegible] miles) direction and time							26 NW 6:55	26 NW 7:20	30 NW 8:05	28 NW 9:25	30 N 10:26	28 N 11:17

Sunrise: Time, 6:59 Character, Cloudy
Moonrise:
Sunset: Time, 4:48 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

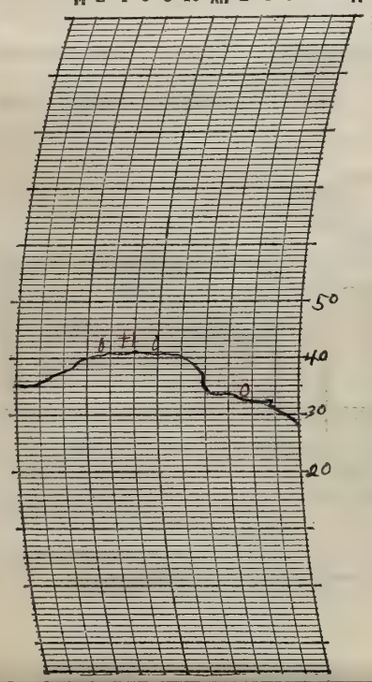
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	28	35	

Total depth of snow for 24 hours ending 7 p. m., 4.8 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, .08 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .56 ins.
Total precipitation, midnight to midnight, .61 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 296
Average hourly velocity, 12.3 Extreme velocity, 39
Maximum velocity, 30 Direction, NW
Time began, 8:05 p.m.
Reduced barometer, 29.61 7a. m. 29.34 7p. m.
River gage, 6.1 feet
Relative humidity, 82 7a. m. 100 7p. m.

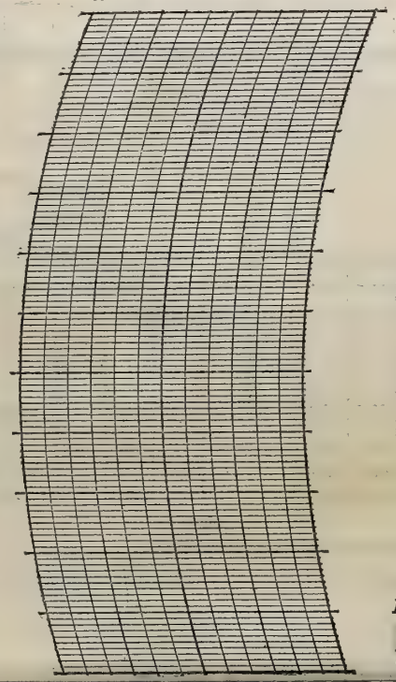
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 39.9
Dew-point, 39 R. humidity, 93 V. pressure, .237
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

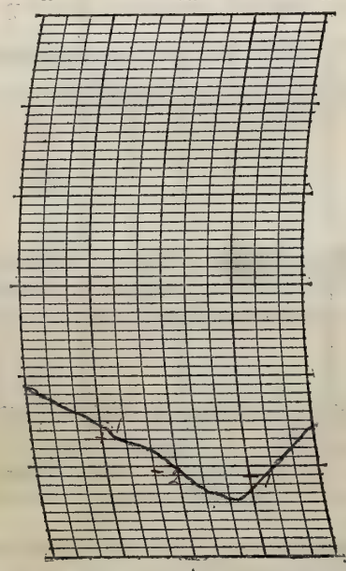
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. J. B.
Verified by E. L. H.

NOTES

The sky was overcast during the day and rain fell during a good deal of the day. Snow commenced falling at 3:15 p.m. and continued until 7:10 p.m. Temperatures rose until about noon and then commenced falling.

The river has risen a little since yesterday.

Light to strong, S to NW winds prevailed.

Special observation sent at 4:00 p.m. E.S.T. on account of a .14 drop in pressure in the last 2 hrs.

Greatest rainfall for Jan. 24

8—486

Form No. 1014—Met-1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) January 25, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	24	22	21	19	17	15	16	17	18	20	22	23	24	25	25	25	24	24	25	25	25	25
State of weather: Nature of precipitation and time of beginning and ending															SP B 2:45 SP E 2:50									
Amounts of precipitation															T									
Cloudiness and other conditions					← Clear						Pt.		Cloudy											→
Sunshine (in tenths of hours)							0.03 0	0.8 0.2	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0.2 0.2	0.3 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	21	19	21	20	17	17	16	16	19	19	20	20	18	16	13	9	9	12	14	13	10	9	10
Maximum velocities (exceeding 27 miles) direction and time	26 W 12:06	28 W 1:03																						

Sunrise: Time, 6:58 Character, Clear

Moonrise: ——

Sunset: Time, 4:49 Character, Clear

Moonset: ——

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	15	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase, ——

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.4 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 86

Prevailing wind direction, W Total wind, 381

Average hourly velocity, 15.9 Extreme velocity, 34

Maximum velocity, 28 Direction, W

Time began, 1:03 a.m.

Reduced barometer, 29.92 7 a. m. 29.99 7 p. m.

River gage, 6.3 feet

Relative humidity, 77 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

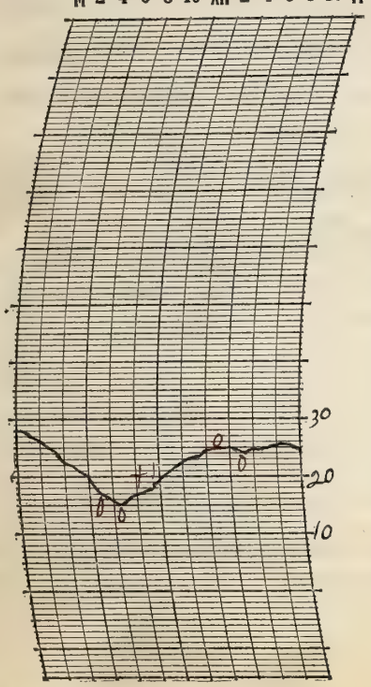
Dry temperature, 20.1 Wet temperature, 17.0

Dew-point, 8 R. humidity, 55 V. pressure, 0.57

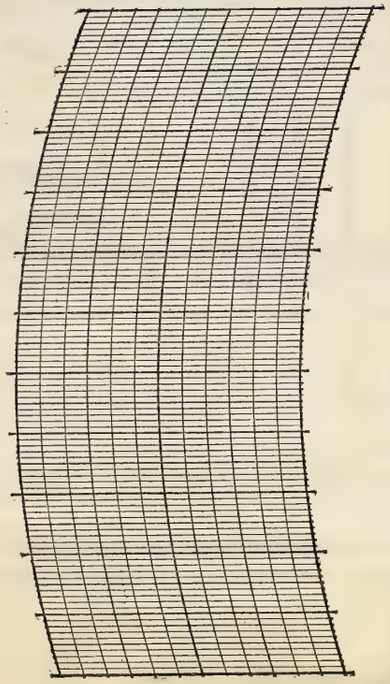
Clouds: Amount, 6; Kind, Cu; Direction, W

Velocity of clouds (miles per hour) ——

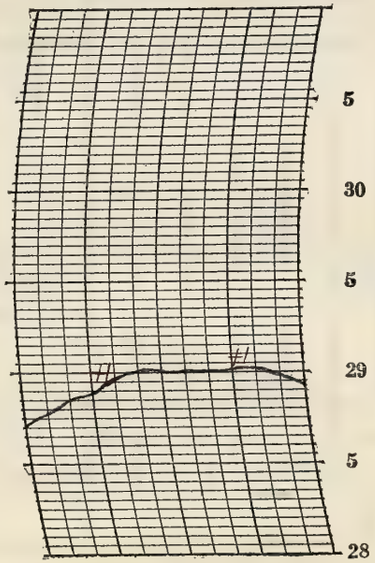
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

The moon and stars were visible during the early morning and some stars were observed in the evening. It was clear part of the morning and gradually became Partly Cloudy and continued that way throughout the day. Temperatures remained mostly in the twenties.

The river continues to rise slightly.

Gentle to Fresh N winds shifting to SW winds, reaching at times a strong breeze, prevailed throughout the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) January 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	27	25	16	11	10	10	12	14	16	18	19	19	20	20	19	19	18	17	17	16	15	14
State of weather: Nature of precipitation and time of beginning and ending																S B 3:00 S E 3:30								
Amounts of precipitation																T								
Cloudiness and other conditions					←			Clear							Pc	Cloudy	Pc		Cloudy		Clear			→
Sunshine (in tenths of hours)							0.05 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0.25 0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	14	20	27	22	20	16	13	14	14	14	11	12	10	9	7	5	8	9	9	8	9	8
Maximum velocities (exceeding 24 miles) direction and time				29 W 3:35	32 W 4:03	37 W 5:12	29 W 6:04																	

Sunrise: Time, 6:57 Character, Clear. Moonrise:

Sunset: Time, 4:51 Character, Clear. Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	10	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 7.9 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 80

Prevailing wind direction, W Total wind, 306

Average hourly velocity, 12.8 Extreme velocity, 34

Maximum velocity, 32 Direction, W

Time began, 4:03 a.m.

Reduced barometer, 30.07 7 a. m. 30.22 7 p. m.

River gage, 5.4 feet

Relative humidity, 83 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

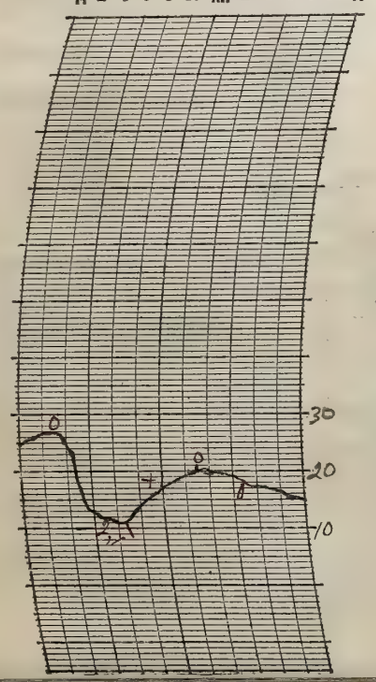
Dry temperature, 17.6 Wet temperature, 15.8

Dew-point, 11 R. humidity, 72 V. pressure, .066

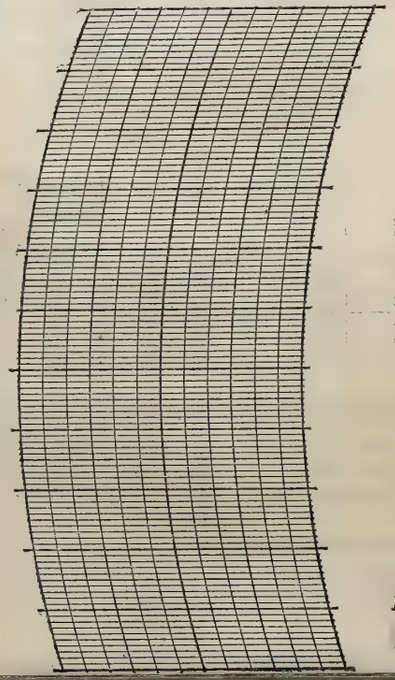
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

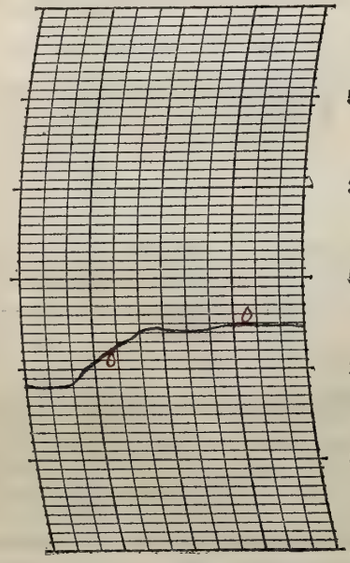
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

NOTES

It was clear most of the day except for the period near 3-4 pm when it quickly clouded up and there was a light snow. Later, it cleared up. The moon and the stars were visible in the evening. Stars were visible in the morning. As a rule, the temperature is lower than yesterday's.

The river has fallen nearly a foot.

Light to strong westerly wind, SW to W, prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) January 27, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	14	14	14	14	16	16	18	20	23	25	25 (12:10)	23	22	21	18	15 (5:50 5°F.)	12	11	9	7	6	5
State of weather: Nature of precipitation and time of beginning and ending																.02								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy				× Pt. Cldy			×			Cloudy				× Pt. Cldy		× Clear			→
Sunshine (in tenths of hours)							0	0	0.2	0.9	1.0	1.0	0.8	0.4	0.1	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	W	W	NW	W	NW	W	W	W	W	W
Wind movement	8	8	7	7	6	7	6	7	9	10	10	9	8	9	11	12	14	14	14	13	14	16	13	12

Sunrise: Time, 6:56 Character, Cloudy
Moonrise:
Sunset: Time, 4:52 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

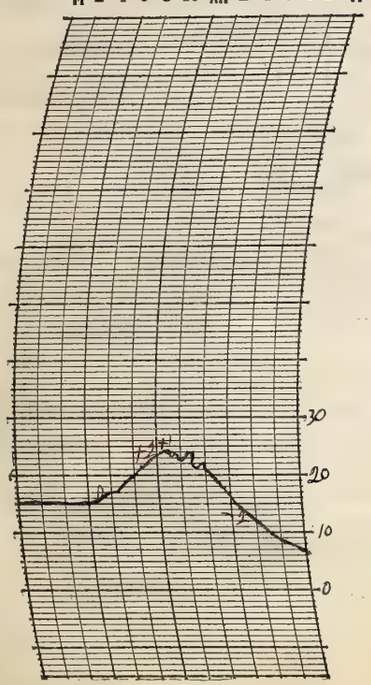
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	5	15	

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, .02 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.4 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 44
Prevailing wind direction, SW Total wind, 244
Average hourly velocity, 10.2 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 8:04 pm
Reduced barometer, 30.10 7 a. m. 30.14 7 p. m.
River gage, 4.3 feet
Relative humidity, 85 7 a. m. 76 7 p. m.

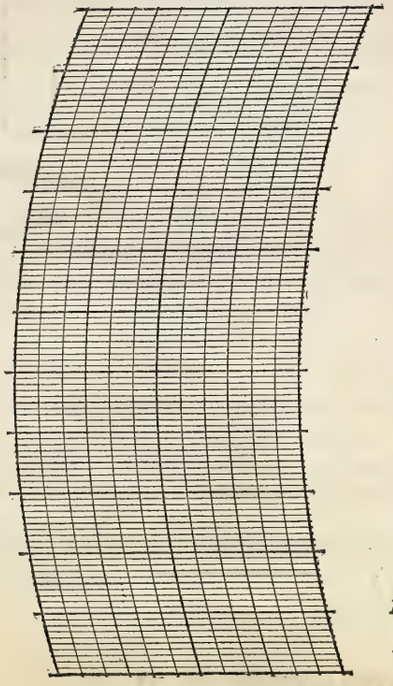
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.9 Wet temperature, 21.8
Dew-point, 14 R. humidity, 61 V. pressure, .077
Clouds: Amount, 3; Kind, Strat.; Direction, W
Velocity of clouds (miles per hour)

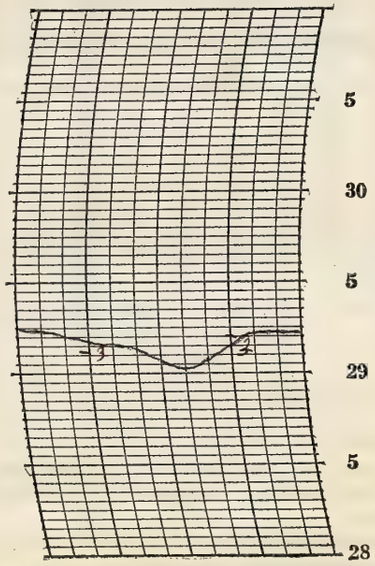
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E. L. H.

NOTES

The moon and the stars were visible in the evening. During the other part of the day it was cloudy to part cloudy. Shortly after noon, snow flurries commenced; being especially heavy around 1:30 p.m. and 2:30 p.m. Temperature rose until midday and then commenced falling.

The river has fallen over a foot.

Westerly winds of light to moderate strength prevailed although at times it was fresh.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) January 28, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5	4	3	3	2	1	0	0	2	5	7	9	10	13	14	13	10	9	9	7	7	7	8	8
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear											Pt Cloudy	× Pt. Cloudy					×	Clear					→
Sunshine (in tenths of hours)							0.05 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8 0.3							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	16	14	14	13	12	12	12	15	14	13	14	12	12	10	8	7	8	7	8	9	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:55 Character, Clear
Moonrise:
Sunset: Time, 4:53 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

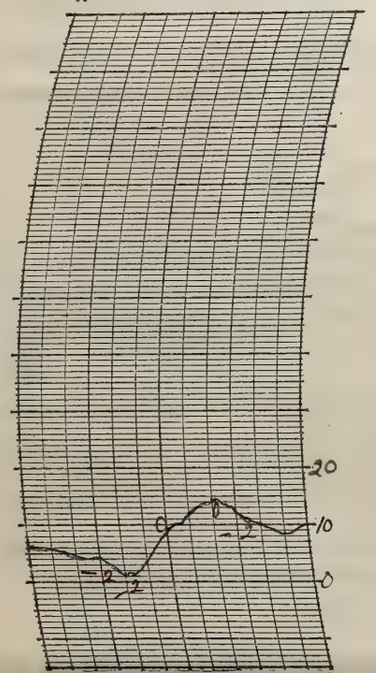
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	-1	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 97
Prevailing wind direction, W Total wind, 275
Average hourly velocity, 11.5 Extreme velocity, 30
Maximum velocity, 19 Direction, W
Time began, 3:31 a.m.
Reduced barometer, 30.27 7 a. m. 30.30 7 p. m.
River gage, 3.8 feet
Relative humidity, 90 7 a. m. 69 7 p. m.

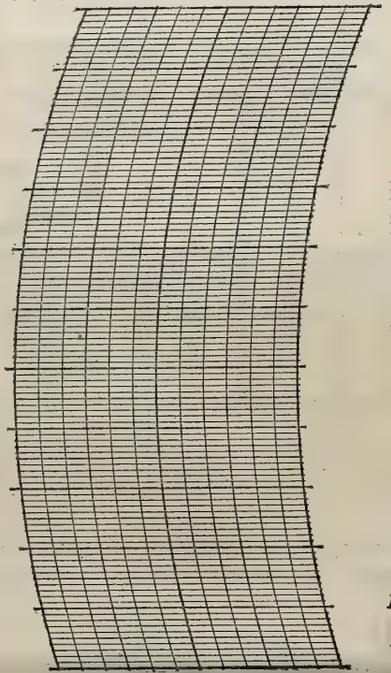
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 9.3 Wet temperature, 8.0
Dew-point, 3 R. humidity, 71 V. pressure, .044
Clouds: Amount, 8; Kind, stratus; Direction, NW
Velocity of clouds (miles per hour)

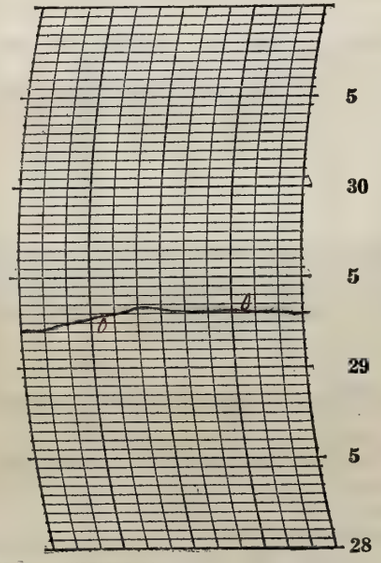
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

The day was clear except just before noon and during the afternoon. Sub-zero temperatures were experienced but during the later part of the day temperatures showed an upward trend. Stars were visible during the morning and evening while the moon was seen during the evening.

The river has fallen half a foot.

NW to SW winds decreasing from a moderate to a light breeze prevailed. Occasionally winds of fresh strength were experienced

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) January 29, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	9	10	10	10	10	10	10	12	13	15	16	18	20	20	21	20	18	19	18	18	18	17	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						Pcdy	→				Cloudy								
Sunshine (in tenths of hours)							0.04 0	0	0	0	0.8	1.0	1.0	1.0	0.6	0.7	0							
Wind direction	SW	SW	SW	SW	S	S	S	S	S	SW	SW	SW	SW	NW	NW	N	NW	W	W	W	NW	W	NE	NE
Wind movement	9	7	5	5	5	4	5	5	8	6	5	5	5	4	4	4	4	3	3	4	2	4	5	5

Sunrise: Time, 6:55 Character, Clear
Moonrise:
Sunset: Time, 4:54 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

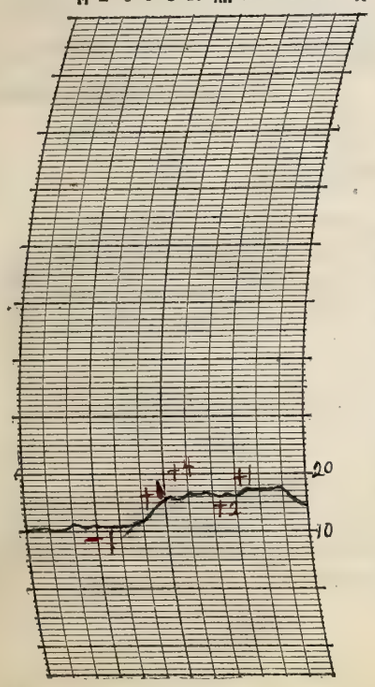
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	8	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase First - 1:26 pm
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.1 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 51
Prevailing wind direction, SW Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 12:06 a.m.
Reduced barometer, 30.21 7 a. m. 30.20 7 p. m.
River gage, 3.3 feet
Relative humidity, 89 7 a. m. 66 7 p. m.

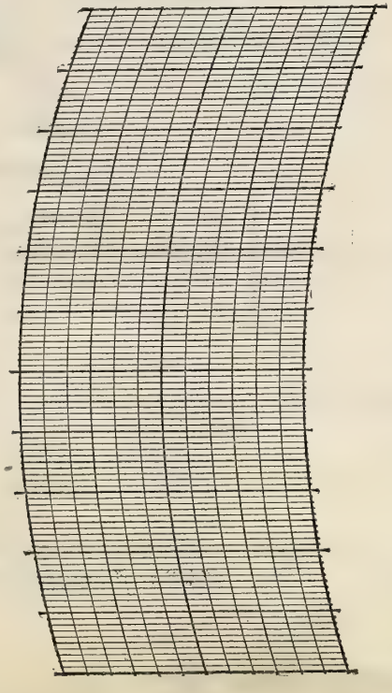
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.4 Wet temperature, 15.2
Dew-point, 11 R. humidity, 79 V. pressure, .066
Clouds: Amount, 10; Kind, stu; Direction, W
Velocity of clouds (miles per hour)

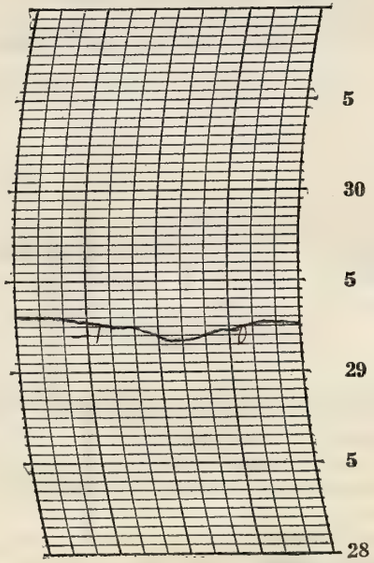
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

Stars were observed during the early morning. About a hour after sunrise it commenced clouding up and continued cloudy throughout the day. Temperatures continue to show an upward trend.

The river has fallen half a foot.

S winds mostly veering to NE of a light to gentle strength prevailed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) January 30, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	14	14	13	13	13	13	14	16	18	20	20	22	24	25	24	23	22	22	21	20	20	19	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Cloudy							X	Cloudy X Clear					→
Sunrise: Time, 6:54 Character, Cloudy																					Sunset: Time, 4:55 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0.4	0	1.0	0.9	0.1	0	0							
Wind direction	NE	NE	NE	E	E	E	E	SE	SE	S	S	SW	SW	W	W	W	W	W	W	SW	W	SW	SW	SW
Wind movement	5	5	5	4	5	3	4	3	3	4	6	7	5	7	7	6	5	5	4	4	5	4	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

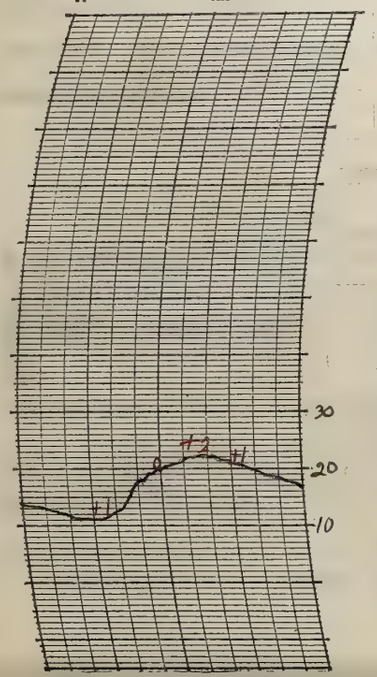
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	12	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.4 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 24
Prevailing wind direction, W Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 8
Maximum velocity, 8 Direction, SW
Time began, 11:13 a.m.
Reduced barometer, 30.26 7 a. m. 30.22 7 p. m.
River gage, 3.5 feet
Relative humidity, 85 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.1 Wet temperature, 17.2
Dew-point, 8 R. humidity, 56 V. pressure, .057
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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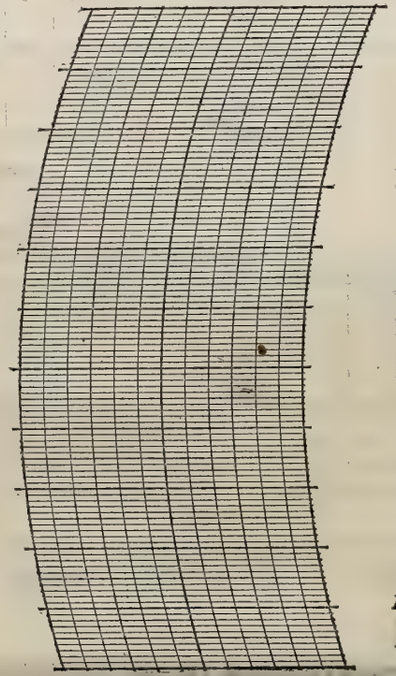
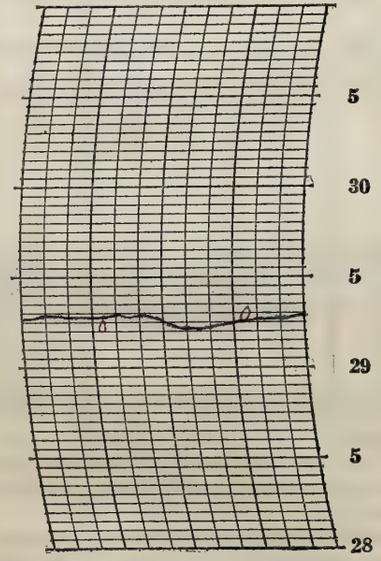


BAROGRAPH.



Prepared by EJH

Verified by E.L.H.

NOTES

It was cloudy all day except during the evening when it cleared up. The moon and stars were visible. Temperatures are warmer hour for hour than yesterday's. Practically all the snow has disappeared in many places.

The river has risen slightly.

Light NE winds veered to W and SW during the day.

Lowest maximum Wind velocity for Jan. 1928 (see page 18)

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) January 31, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	16	16	16	15	15	15	17	22	26	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)							0.12 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	6	5	5	5	4	3	5	6	7	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	30	30	29	28	28	27	27	27	26	26
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy →					
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	8	6	6	5	7	6	7	7	9	9	10	10

Sunrise: Time, 6:53 Character, Clear

Moonrise:

Sunset: Time, 4:57 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	15	23	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.9 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 78

Prevailing wind direction, SW Total wind, 153

Average hourly velocity, 6.4 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 11:02 p.m.

Reduced barometer, 30.26 7a. m., 30.07 7p. m.

River gage, 3.3 fall

Relative humidity, 93 7a. m. 70 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

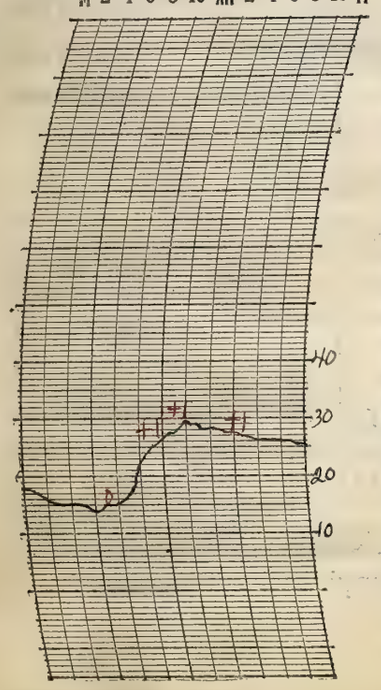
Dry temperature, 28.1 Wet temperature, 24.7

Dew-point, 18 R. humidity, 61 V. pressure, .093

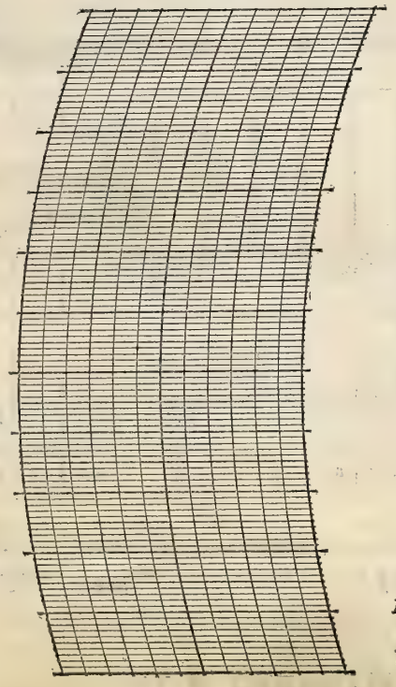
Clouds: Amount, 2; Kind, cu.; Direction, W

Velocity of clouds (miles per hour)

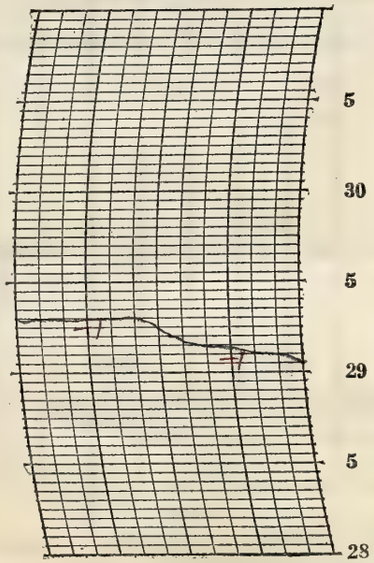
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.

Verified by E. L. H.

8—486

NOTES

It was clear during the earlier part of the day becoming cloudy in mid-afternoon. The stars were clearly visible during the early morning. In the evening the stars and the moon were occasionally visible. A lunar halo was observed from 6.00 pm to 11.00 pm. It was 22° and at times was complete. The colors were fainter later in the evening. At times it disappeared. Temperatures continue upwards.

The river fell slightly.

Generally light to gentle SW winds prevailed.

A

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Wednesday, (Date) February 1, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	29	30	30	28	23	20	20	19	19	20	21	24	25	25	24	23	22	21	19	19	18	17
State of weather: Nature of precipitation and time of beginning and ending								SD B 7:50 SD E 8:00		SD B 9:25			SD E 12:30											
Amounts of precipitation								T			T													
Cloudiness and other conditions								Pt. Cloudy					X			Clear								
Sunshine (in tenths of hours)							0	0.1	0.7	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.67 0.3							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	13	14	13	12	14	18	17	16	15	16	18	16	14	14	13	13	11	6	7	8	8	7	9	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6.52 Character, Cloudy
Moonrise:
Sunset: Time, 4:58 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	17	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.7 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 86
Prevailing wind direction, W Total wind, 298
Average hourly velocity, 12.4 Extreme velocity, 23
Maximum velocity, 22 Direction, S
Time began, 7:24 a.m.
Reduced barometer, 30.03 7 a. m. 30.28 7 p. m.
River gage, 3.2 feet
Relative humidity, 80 7 a. m. 55 7 p. m.

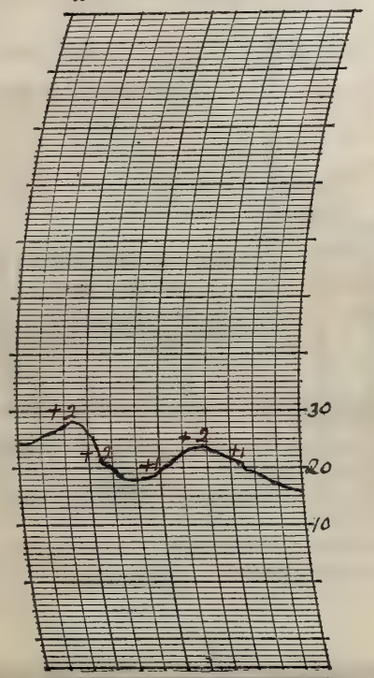
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 20.1 Wet temperature, 17.9
Dew-point, 12 R. humidity, 67 V. pressure, 070
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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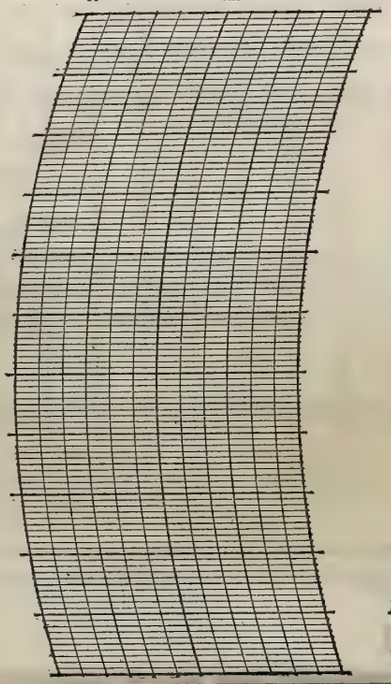
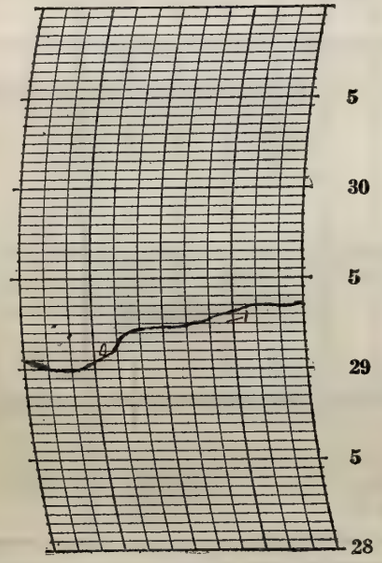


BAROGRAPH.



Prepared by CH
Verified by E.L.H.

NOTES

It commenced clearing up in the morning. Very light snow fell during the morning at intervals. It was clear during the afternoon and evening. The moon and the stars were visible with bright moonlight. Temperatures turned colder towards evening. The river remained almost the same. SW to W moderate winds becoming

8—486

FORM NO. 1014—MOST

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) February 2, 1928

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	15	14	14	13	13	12	14	18	22	26	30	29	31	33	34	35	33	33	33	33	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																	S D 4:30	S D E 6:00						
Amounts of precipitation																	T	T						
Cloudiness and other conditions					← Clear			X Pt. Cldy	X			Cloudy									X Pt Cldy		Cldy	X Cldy →
Sunrise: Time, 6:51 Character, Clear																					Sunset: Time, 4:59 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.15 0	0.1 0	0	0.3	1.0	0.8	0	0	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	9	8	9	8	7	8	8	10	9	11	12	11	9	9	7	7	10	7	7	7	8	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	12	24	

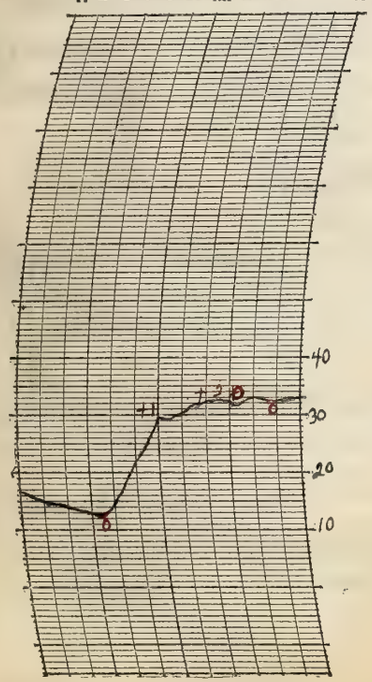
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.6 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 26
Prevailing wind direction, SSW Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 12:18 p.m.
Reduced barometer, 30.36 7 a. m. 30.30 7 p. m.
River gage, 3.0 feet
Relative humidity, 84 7 a. m. 68 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

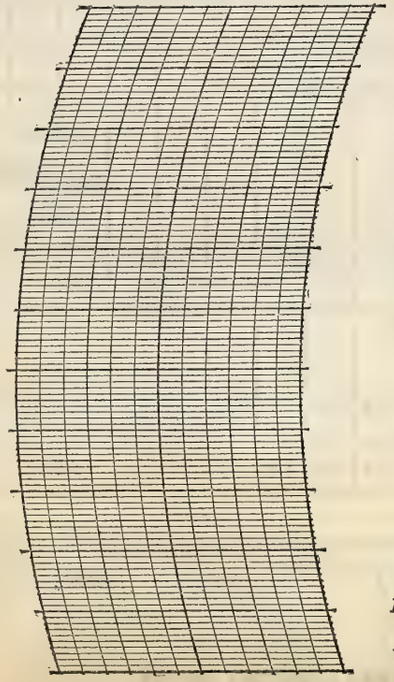
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.4 Wet temperature, 28.2
Dew-point, 25 R. humidity, 76 V. pressure, 1.30
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

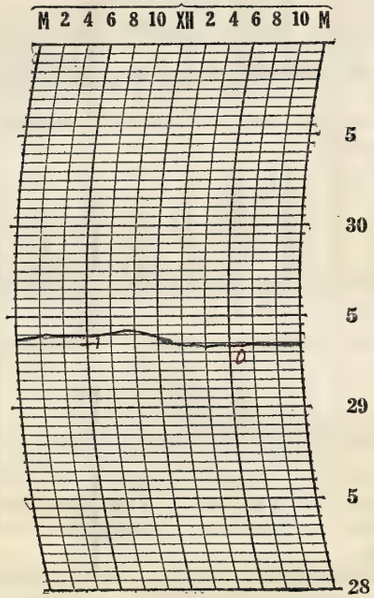
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
Verified by E. J. H.

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NOTES

The stars were visible in the early morning. It slowly clouded up and remained mostly cloudy. In the early evening the lower clouds left. The moon and some stars were visible. At 9:00 pm a 46° halo was first noticed. It continued until 10:30 pm when lower clouds again covered the moon. It was best about 9:45 pm when a reddish inner and a bluish outer ring could be seen. The circle was complete and quite bright. It was bright around the moon; but there was a dark ring just inside the halo. Afterwards it gradually became fainter becoming a whitish ring and soon the lower clouds obscured the moon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) February 3, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	34	34	34	34	34	34	35	37	39	44	45	46	48	48	46	45	43	43	42	41	39	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			×	Pt. Cldy		×					Clear								→
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.02 0						
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	8	9	10	9	10	10	11	11	10	10	12	10	12	7	6	8	8	8	10	10	10
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:30 Character, Cloudy
Moonrise:

Sunset: Time, 5:01 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

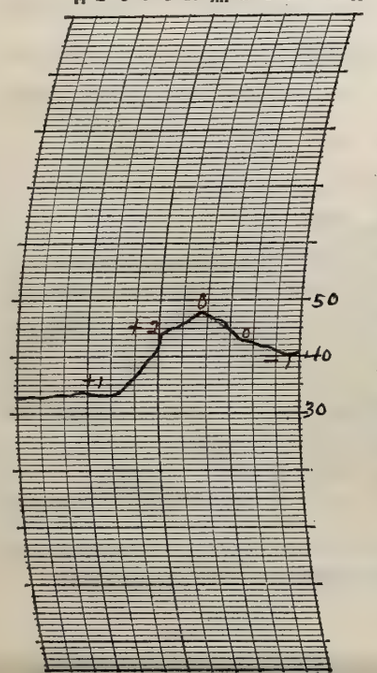
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 3:11 p.m.
Reduced barometer, 30.25 7 a. m. 30.23 7 p. m.
River gage, 2.7 feet
Relative humidity, 61 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.5 Wet temperature, 37.2
Dew-point, 27 R. humidity, 49 V. pressure, 148
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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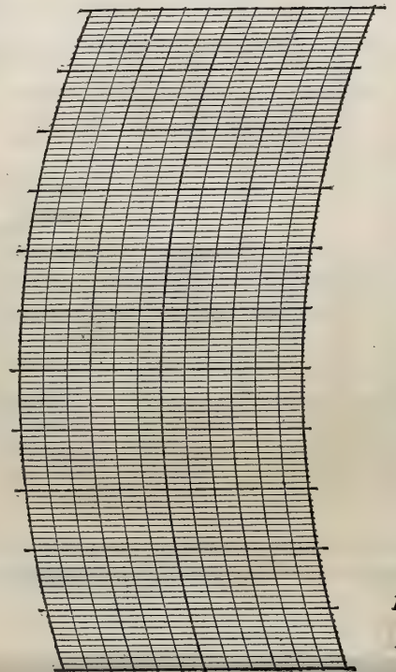
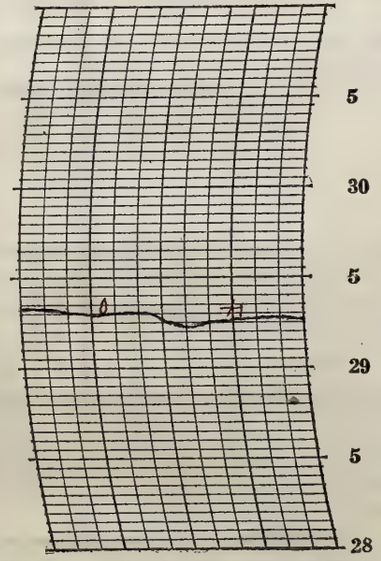


BAROGRAPH.



Prepared by CH
Verified by E.J.H

NOTES

It was cloudy during the early part of the morning, gradually becoming clear. The moon and the stars were visible during the evening. Temperature rose until midday and then commenced falling.

The river is falling.

8—486

Form No. 1014—Mo. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) February 4, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	42	43	43	44	44	46	47	48	48
Nature of precipitation and time of beginning and ending					R B DNa	RE DNa						
Amounts of precipitation					← T →							
Cloudiness and other conditions					Pt Cldy						Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	10	11	10	11	9	12	12	11	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	47	47	46	46	45	45	44	41	38
Nature of precipitation and time of beginning and ending				R B 3:40								R Con.
Amounts of precipitation					← .20	→				.13		→
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	W	SW	SW	NW	NE	NE
Wind movement	10	11	10	8	6	4	4	4	2	4	10	11

State of weather.

Sunrise: Time, 6:49 Character, Cloudy
Moonrise:

Sunset: Time, 5:02 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

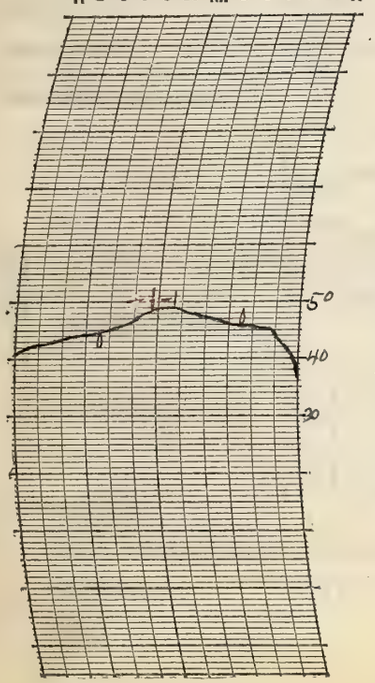
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	38	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, .33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 215
Average hourly velocity, 9.0 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 11:42 p.m.
Reduced barometer, 30.14 7 a. m. 30.12 7 p. m.
River gage, 2.6 feet
Relative humidity, 82 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 46.6
Dew-point, 45 R. humidity, 89 V. pressure, .298
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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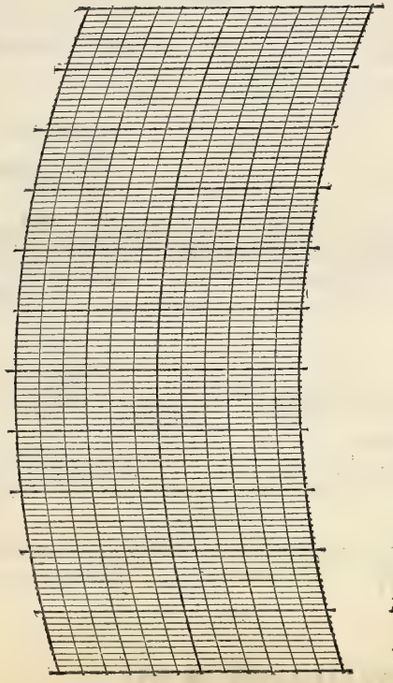
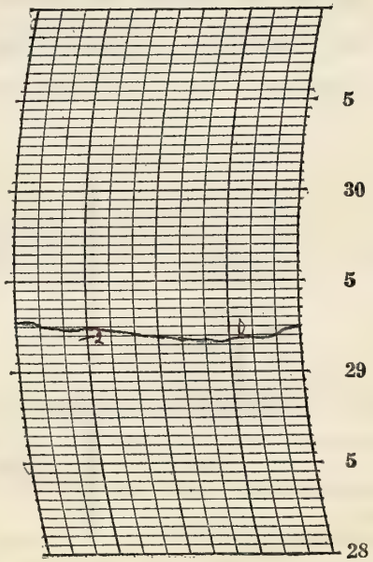


BAROGRAPH.



Prepared by E.J.S.
Verified by E.J.H.

8—486

NOTES

A light rain fell during the early morning and it remained cloudy the rest of the day. At 3:40 pm rain again commenced falling and continued. Temperatures, as a rule, were warmer than yesterday's.
The river fell slightly

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) February 5, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	33	32	32	31	30	30	30	31	32
Nature of precipitation and time of beginning and ending	R cont.			RE DNa								
Amounts of precipitation	←	.10		→								
Cloudiness and other conditions	←			Cloudy					Pt Cldy			
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	15	12	13	14	15	14	14	14	14	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	33	31	29	27	26	26	25	25	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear						Pt Cldy	→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 0.1	0.05 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E
Wind movement	13	16	15	14	13	12	15	13	14	14	12	12

State of weather.

Sunrise: Time, 6:48; Character, Cloudy

Moonrise: ——

Sunset: Time, 5.03; Character, Clear

Moonset: ——

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	24	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .23 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Pt. Cloudy Moon phase, Full 2:11 pm

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.2 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 71

Prevailing wind direction, NE Total wind, 320

Average hourly velocity, 13.8 Extreme velocity, 22

Maximum velocity, 20 Direction, NE

Time began, 1:30 pm.

Reduced barometer, 30.30 7 a. m. 30.46 7 p. m.

River gage, 7.3 feet

Relative humidity, 95 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

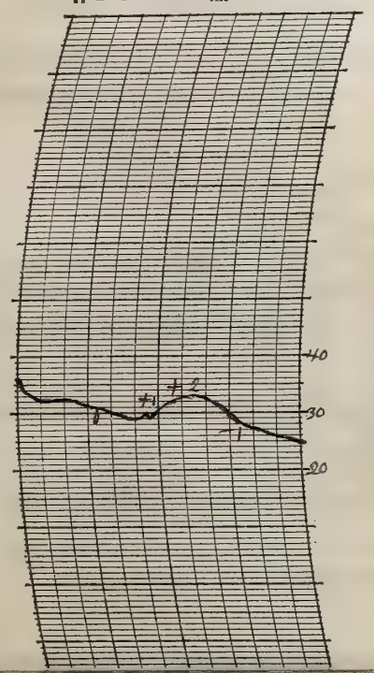
Dry temperature, 31.8 Wet temperature, 29.3

Dew-point, 26 R. humidity, 74 V. pressure, .136

Clouds: Amount, 2; Kind, a st.; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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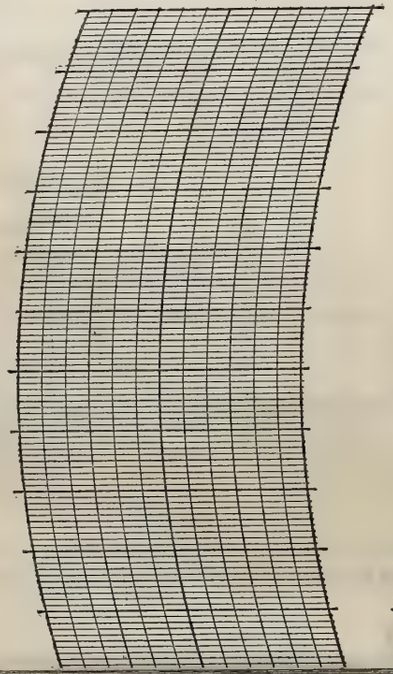
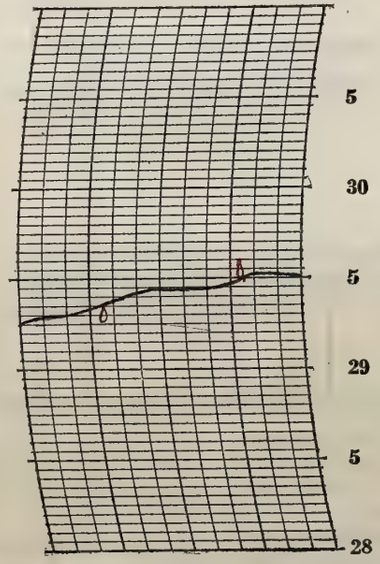


BAROGRAPH.



Prepared by [signature]

Verified by E.L.H.

NOTES

Rain continued since yesterday and ended during the early morning. It cleared up during the day but in the evening high clouds partly overcast the sky. The moon and stars were visible in the early evening. A 46° halo was first noticed at 9:50 pm and it continued until after 11:00 pm. The upper and lower portions were comparatively brilliant, while the sides were a broad white band. Temperatures fell except during the afternoon when they rose a little.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) February 6, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	22	22	21	21	22	25	29	33	35	36	37	39	39	38	35	33	33	33	33	33	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear			×	Pt. Cldy ×					Cloudy							→
Sunshine (in tenths of hours)							0	0.3 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0						
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	12	11	12	14	11	11	11	13	13	11	10	9	10	11	11	10	10	10	12	10	9	8	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:47; Character, Cloudy. Moonrise:

Sunset: Time, 5:04; Character, Cloudy. Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	21	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.8 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 85

Prevailing wind direction, E Total wind, 254

Average hourly velocity, 10.6 Extreme velocity, 16

Maximum velocity, 15 Direction, NE

Time began, 1:11 a.m.

Reduced barometer, 30.46 a. m. 30.24 p. m.

River gage, 9.0 feet

Relative humidity, 93 a. m. 80 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

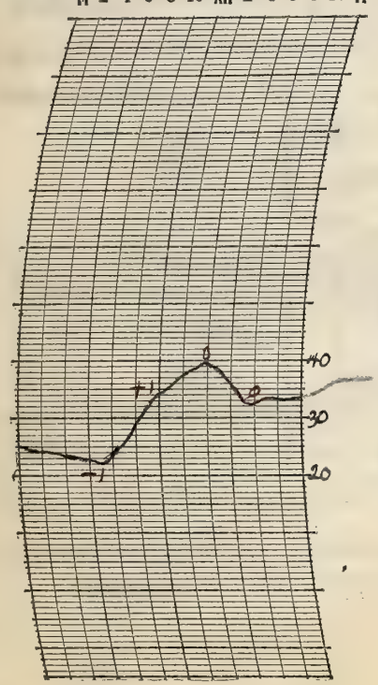
Dry temperature, 34.6 Wet temperature, 30.3

Dew-point, 23 R. humidity, 60 V. pressure, .148

Clouds: Amount, 4; Kind, cu st; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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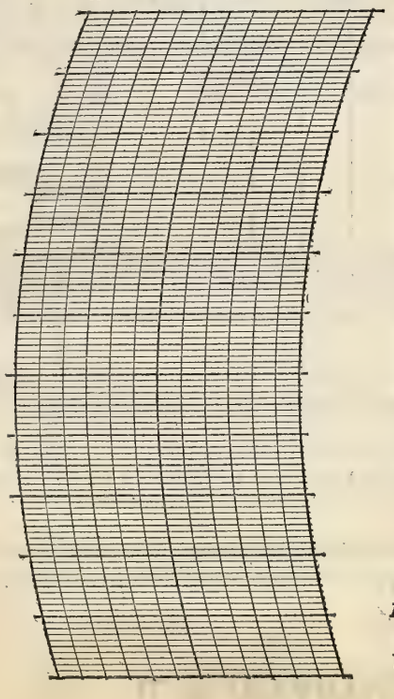
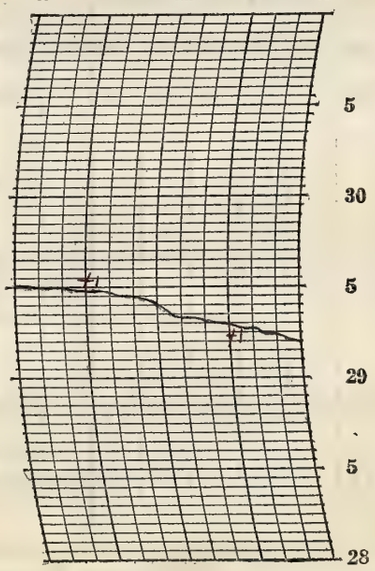


BAROGRAPH.



Prepared by EJS

Verified by E.A.H.

8—486

NOTES

It was clear during the morning, becoming cloudy throughout the day. The sun was covered with a few clouds when it rose but by 7:06 a.m. they were dispersed and the sun shone. Temperatures fell until sunrise and then commenced rising.

The river rose nearly two feet.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) February 7, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	37	37	37	37	41	43	44	46	47	48
Nature of precipitation and time of beginning and ending		RB DNa		RE DNa					RB 8:06	RE 9:30		
Amounts of precipitation		← .02 →							← .01 →			
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	S
Wind movement	8	7	6	6	6	4	4	5	7	8	8	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	52	52	52	51	50	50	50	50	49	49
Nature of precipitation and time of beginning and ending									RB 8:30			RE 11:45
Amounts of precipitation										← .03 →		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	SE	S	S	S	S	S	S
Wind movement	7	11	8	10	8	6	8	10	10	9	9	7

State of weather.

Sunrise: Time, 6:45 Character, Cloudy
Moonrise:

Sunset: Time, 5:05 Character, Cloudy
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

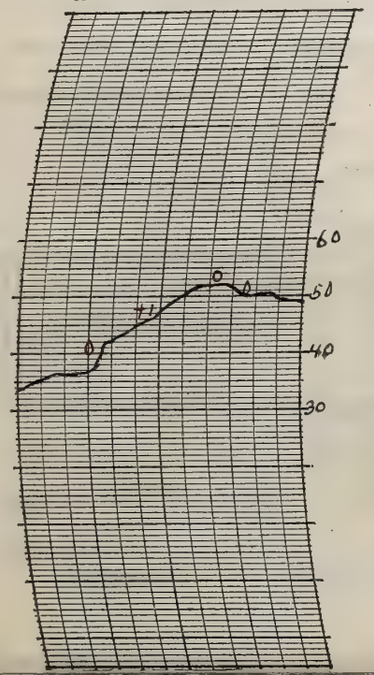
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	34	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 7:23 p.m.
Reduced barometer, 29.96 7 a. m. 29.74 7 p. m.
River gage, 7.9 feet
Relative humidity, 92 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.4 Wet temperature, 47.2
Dew-point, 46 R. humidity, 92 V. pressure, .310
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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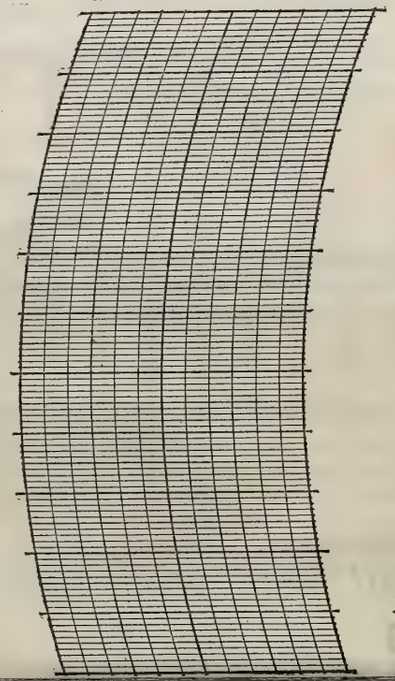
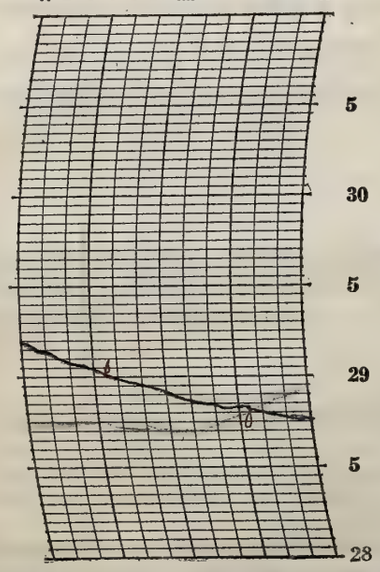


BAROGRAPH.



Prepared by CJS

Verified by E.L.H

NOTES

It was entirely overcast all day. Rain fell during the early morning, the middle of the morning, and the late evening. Temperatures rose until midafternoon and then remained nearly steady, falling slightly. The river fell a little over a foot.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) February 8, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	46	45	42	41	41	41	42	41	40
Nature of precipitation and time of beginning and ending		RB DNa			RF DNa			RB 7:15	RF 9:00			
Amounts of precipitation		←	.06	→				←	.01	→		
Cloudiness and other conditions	←										Cloudy	→
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	SW	SW	SW	SW	S	S	S	S	S	SW	SW
Wind movement	8	10	8	11	7	6	6	6	6	9	10	11

Sunrise: Time, 6:44 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	37	37	37	36	34	33	33	32	32
Nature of precipitation and time of beginning and ending		RB 1:30						RF 7:05 SMB 7:05				Cont.
Amounts of precipitation		←		.03				→		←	T	→
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	9	9	8	8	8	11	12	15	13	15	15

Sunset: Time, 5:07 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

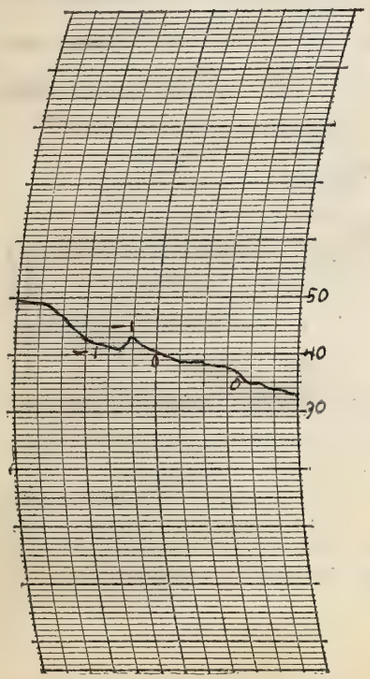
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 233
Average hourly velocity, 9.7 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 11:18 pm
Reduced barometer, 29.65 7 a. m. 29.73 7 p. m.
River gage, 8.3 feet
Relative humidity, 94 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 38.9
Dew-point, 38 R. humidity, 90 V. pressure, .228
Clouds: Amount, 10; Kind, Ston.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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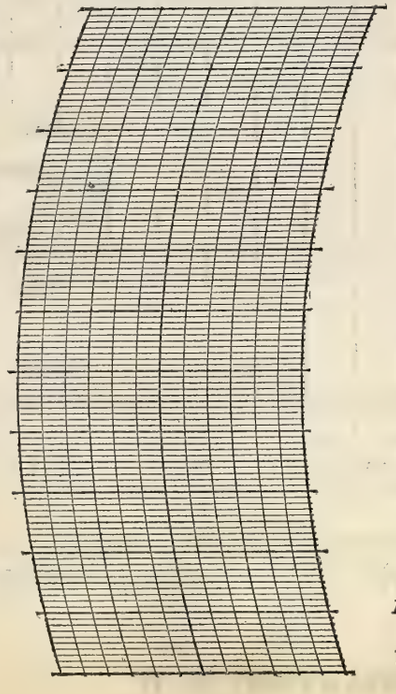
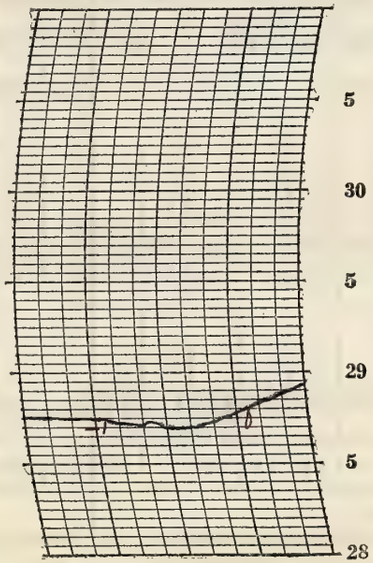


BAROGRAPH.



Prepared by EJF

Verified by E.L.H.

8—486

NOTES

Rain fell during most of the day. The sky was completly overcast. Temperatures dropped all day. During the evening light snow flurries fell at intervals

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) February 9, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	29	28	27	27
State of weather: Nature of precipitation and time of beginning and ending	SM cont		S ME DNa				SD B 6:50	SD E 7:15																
Amounts of precipitation	← T →						← T →																	
Cloudiness and other conditions	← Cloudy																		× Pt Cdy		× Clear →			

Sunrise: Time, 6:43 Character, Cloudy

Moonrise:

Sunset: Time, 5:08 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.2	0	0.4	0	0	0	0	0	0	0						
Wind direction	W	W	NW	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	W	W	W	W	W	W
Wind movement	16	15	10	13	15	12	14	15	16	15	15	14	12	16	16	14	14	11	9	10	7	6	5	4
Maximum velocities (exceeding 4 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

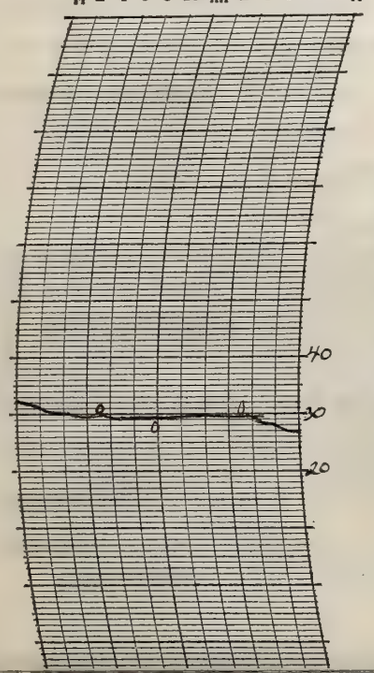
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	27	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 6
Prevailing wind direction, SW Total wind, 294
Average hourly velocity, 12.2 Extreme velocity, 23
Maximum velocity, 21 Direction, W
Time began, 4:05 a.m.
Reduced barometer, 30.03 7 a. m. 30.23 7 p. m.
River gage, 9.8 feet
Relative humidity, 88 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 29.3 Wet temperature, 27.9
Dew-point, 26 R. humidity, 84 V. pressure, .136
Clouds: Amount, 10; Kind, st cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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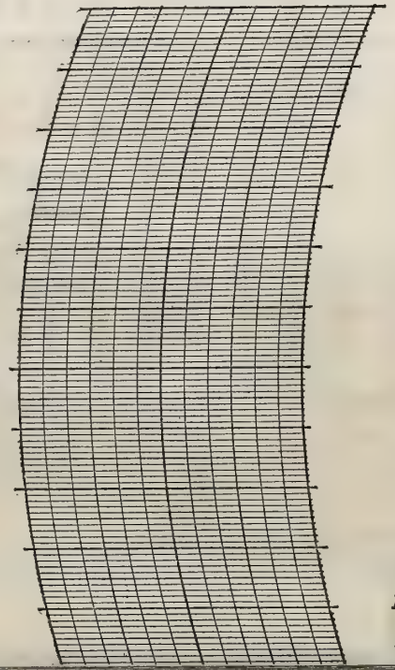
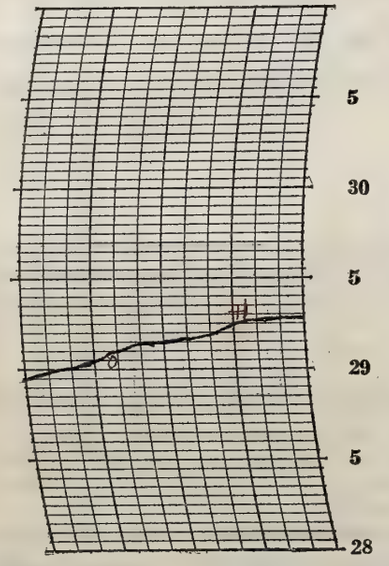


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Light snows fell during the earlier portion of the morning. Temperatures remained almost the same for the greater portion of the day. The sky cleared up during the evening. The stars became visible and later the moon.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) February 10, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	26	27	28	30	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	W
Wind movement	5	6	5	6	7	5	7	9	9	8	10	8

Sunrise: Time, 6:42 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	32	33	34	34	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending		SDB 1:25 SDE 1:30										RB 11:15
Amounts of precipitation		T										T
Cloudiness and other conditions												T
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	W	SW	SW	W	SW	SW	SW	SW	SW	S	S
Wind movement	8	8	8	7	8	7	7	10	12	10	8	9

Sunset: Time, 5:09 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

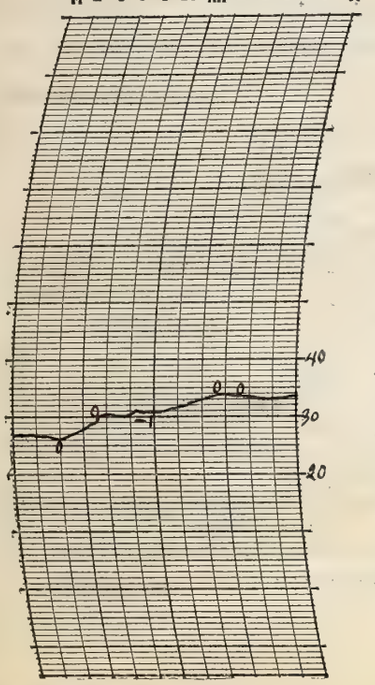
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	26	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 187
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 8:38 p.m.
Reduced barometer, 30.17 7a. m. 30.04 7p. m.
River gage, 8.8 feet
Relative humidity, 90 7a. m. 83 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.4 Wet temperature, 29.6
Dew-point, 28 R. humidity, 91 V. pressure, 1.50
Clouds: Amount, 10; Kind, st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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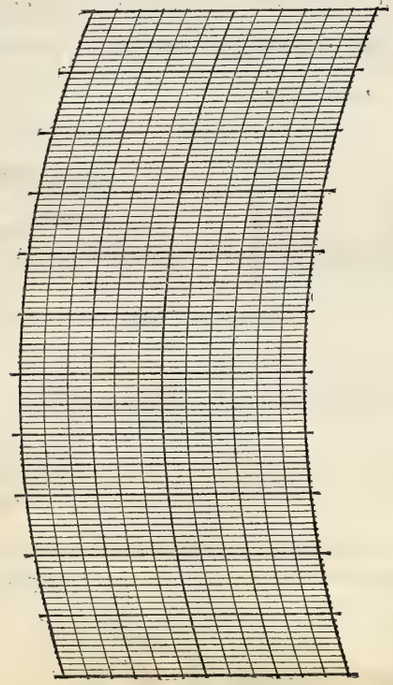
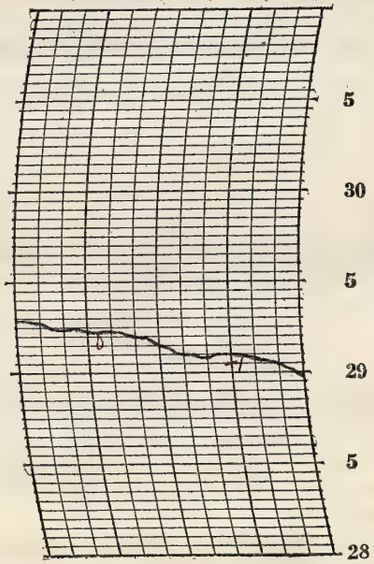


BAROGRAPH.



Prepared by CH
Verified by E.L.H.

8—486

NOTES

It became cloudy during the early morning and remained cloudy throughout the day. Temperatures, as a rule, rose slowly. A light snow fell during the early afternoon while in the late evening a light rain began and continued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) February 11, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	33	32	33	33	34	35	35	38	38	38	39	39	38	36	35	33	32	31	30	29
Nature of precipitation and time of beginning and ending	R Cont R.F. ONa							R.B 7:15 R.E 7:30																
Amounts of precipitation	T							T																
Cloudiness and other conditions	Cloudy												× Pt Cdy × Cdy × Pt Cdy × Clear											
Sunshine (in tenths of hours)							0	0	0	0	0	0.8	0.9	0.4	0.6	1.0	0.3 0.7	0.1 0						
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW
Wind movement	8	7	6	7	8	9	9	10	8	8	6	6	8	11	10	10	10	7	6	6	7	5	6	3

State of weather.

Sunrise: Time, 6:41 Character, Cloudy

Moonrise:

Sunset: Time, 5:10 Character, Clear

Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.9 Possible sunshine, hours, 10.5

Per cent of possible sunshine, 47

Prevailing wind direction, NW Total wind, 181

Average hourly velocity, 7.5 Extreme velocity, 17

Maximum velocity, 15 Direction, NW

Time began, 2:42 p.m.

Reduced barometer, 29.99 7 a. m. 30.16 7 p. m.

River gage, 7.4 feet

Relative humidity, 89 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

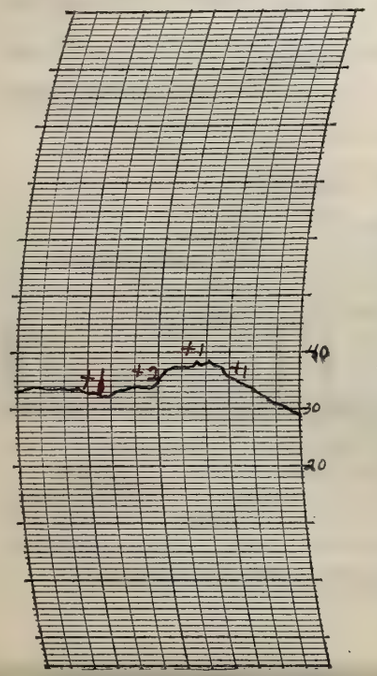
Dry temperature, 37.9 Wet temperature, 35.2

Dew-point, 32 R. humidity, 77 V. pressure, .180

Clouds: Amount, 5 (4); Kind, st cu; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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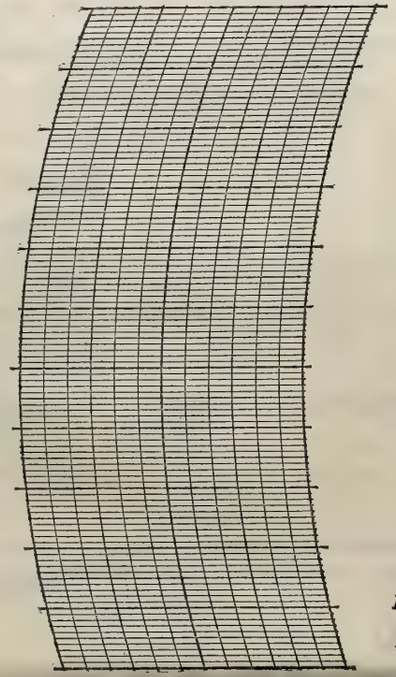
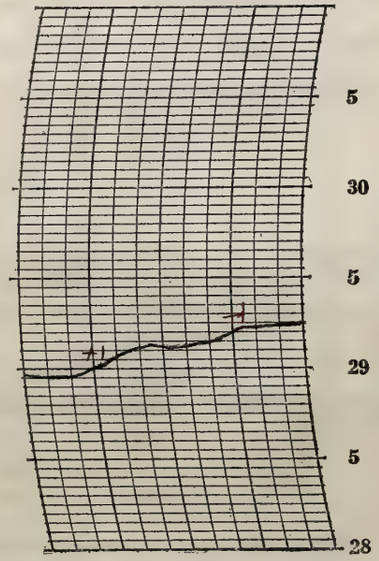


BAROGRAPH.



Prepared by C.J.S.

Verified by E.L.H.

NOTES

During the early morning the moon could be seen through some high clouds. It remained cloudy until shortly after noon when it commenced being partly cloudy. It again became cloudy near mid-afternoon and then commenced clearing. The stars were quite bright during the evening.

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) February 12, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	26	25	25	25	25	26	30	32	35	36	37	39	39	40	38	35	35	33	33	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)							0.35 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.20 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NE	E	E	SE	E	E	SE	E	E	SE	E	E	E	E	E	E	E
Wind movement	4	3	3	3	4	3	2	5	7	5	5	4	4	6	5	6	5	4	4	6	5	5	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:39 Character, Clear
Moonrise:
Sunset: Time, 5:12 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

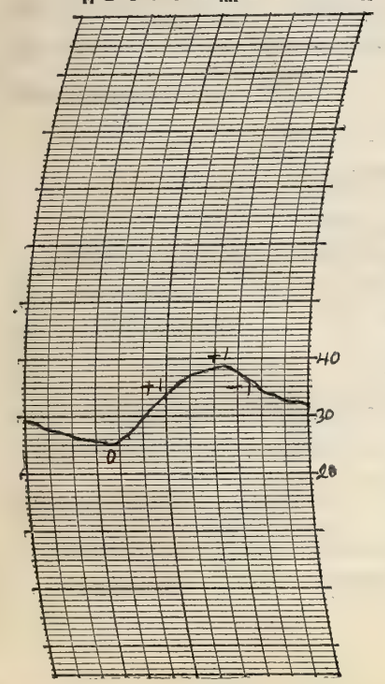
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	25	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 108
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 8:10 a.m.
Reduced barometer, 30.29 7 a. m. 30.24 7 p. m.
River gage, 6.5 feet
Relative humidity, 85 7 a. m. 73 7 p. m.

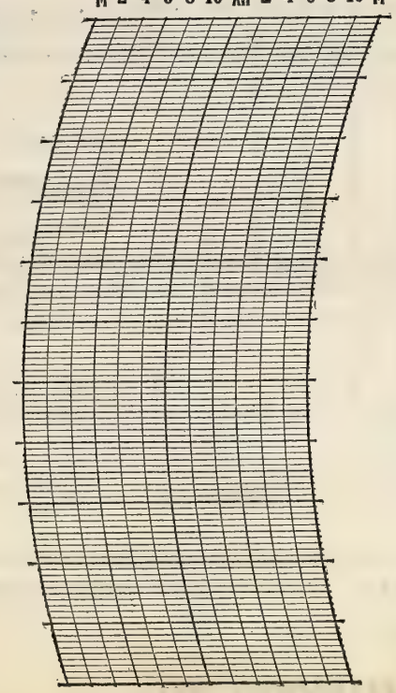
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.1 Wet temperature, 30.8
Dew-point, 24 R. humidity, 61 V. pressure, .124
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

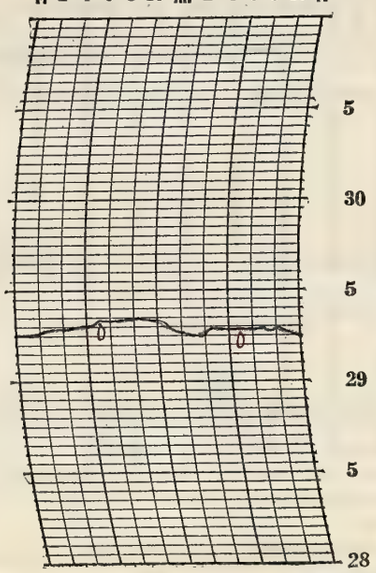
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. J. S.
Verified by E. J. H.

8—486

NOTES

During the early morning the moon and the stars were visible. The sun arose bright and clear. The sky was clear all day. During the evening the stars were visible. Temperatures practically rose after sunrise until the later part of the afternoon and commenced falling after sunset.

The river fell almost a foot.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) February 13, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	29	29	29	29	33	36	39	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt. Cldy							
Sunshine (in tenths of hours)							0	0.3	1.0	0.7	0.7	0.9
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	5	4	5	7	6	5	5	6	6	6	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	42	40	39	37	37	37	37	37	38	38
Nature of precipitation and time of beginning and ending			RB 2:30									A. Cont.
Amounts of precipitation					.08					.05		
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.5	0	0	0	0	0						
Wind direction	SE	SE	SE	E	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	4	5	5	5	7	9	10	9	11	9	10

State of weather.

Sunrise: Time, 6:38 Character, Cloudy

Moonrise:

Sunset: Time, 5:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, 0.13 inches.

Character of day, Cloudy Moon phase Last Q 1:05 pm

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.1 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 39

Prevailing wind direction, E Total wind, 153

Average hourly velocity, 6.4 Extreme velocity, 13

Maximum velocity, 13 Direction, SE

Time began, 9:17 p.m.

Reduced barometer, 30.13 7 a. m. 29.93 7 p. m.

River gage, 6.0 feet

Relative humidity, 87 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

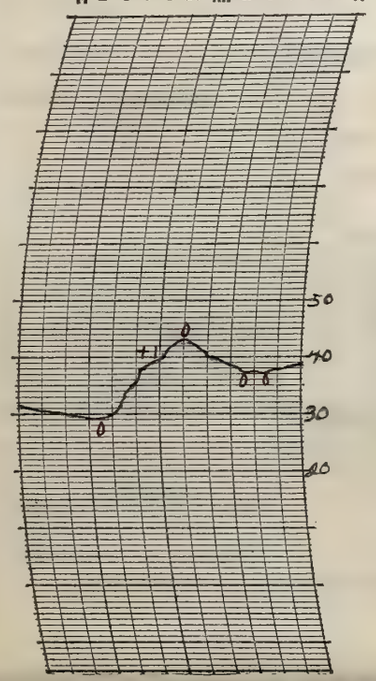
Dry temperature, 40.6 Wet temperature, 35.1

Dew-point, 28 R. humidity, 58 V. pressure, 150

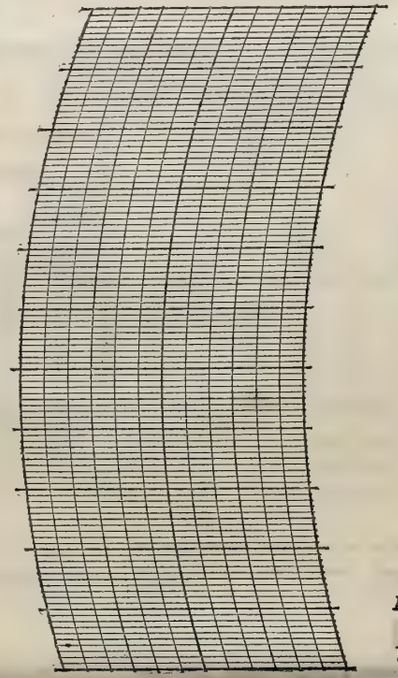
Clouds: Amount, 10; Kind, a st; Direction, SW

Velocity of clouds (miles per hour)

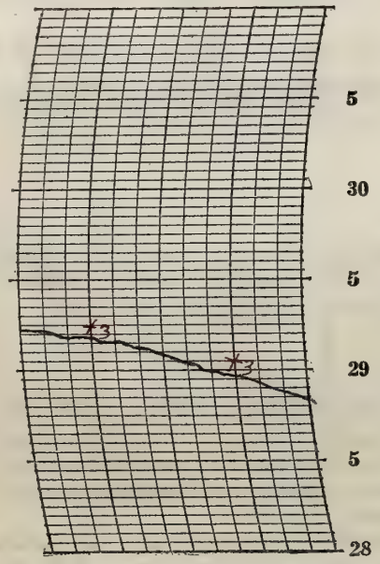
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.L.H.

NOTES

It became part cloudy during the early morning and by 10:00 a.m. was cloudy. A very light rain began at 2:30 p.m. It continued misting at intervals. The rain became heavier near 6:00 p.m. and by 8:00 p.m. became light and continued into the night. Temperatures showed an upward trend throughout the day.

The river fell a half a foot

8—486

Form No. 1014—Met-1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) February 14, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	40	40	40	41	41	41	42	42	42	41	40	41	41	42	43	42	40	39	39	38	37	36
State of weather: Nature of precipitation and time of beginning and ending	R cont.															RE 3:30			RB 6:30	RE 7:30				
Amounts of precipitation				.10			*			.42		*				.21				T				
Cloudiness and other conditions											Cloudy													

Sunrise: Time, 6:37 Character, Cloudy

Moonrise:

Sunset: Time, 5:14 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	SW	W	W	W	W	W	W	SW	W	W
Wind movement	9	9	9	8	9	9	10	8	8	7	10	9	10	9	8	11	12	12	14	15	14	13	11	13
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	36	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. .45 ins.; to 7 p. m., 0.63 ins.

Total precipitation, midnight to midnight, 1.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind, 247

Average hourly velocity, 10.3 Extreme velocity, 19

Maximum velocity, 19 Direction, W

Time began, 7:23 p.m.

Reduced barometer, 29.59 7 a. m. 29.55 7 p. m.

River gage, 5.8 feet *

Relative humidity, 92 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

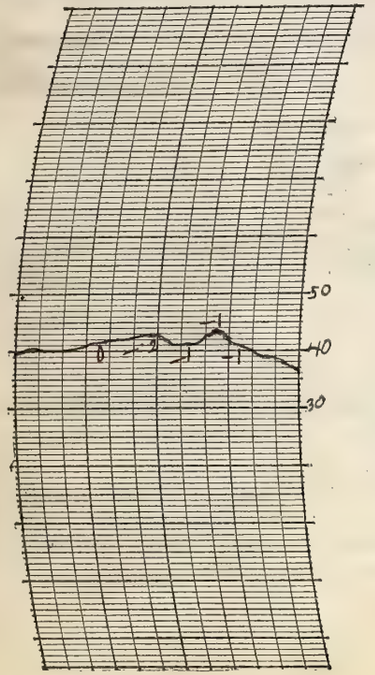
Dry temperature, 41.4 Wet temperature, 40.8

Dew-point, 40 R. humidity, 95 V. pressure, 247

Clouds: Amount, 10; Kind, stcu.; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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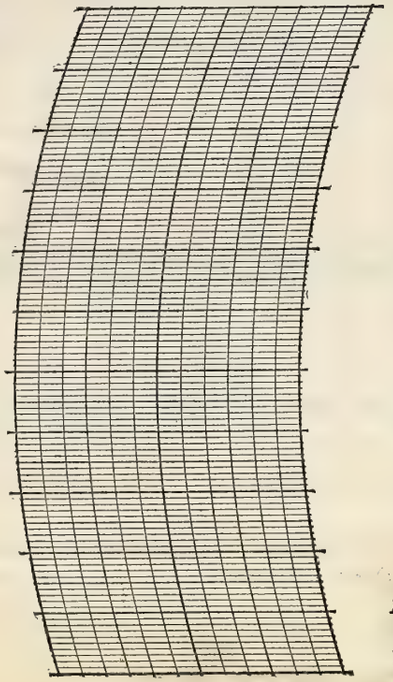
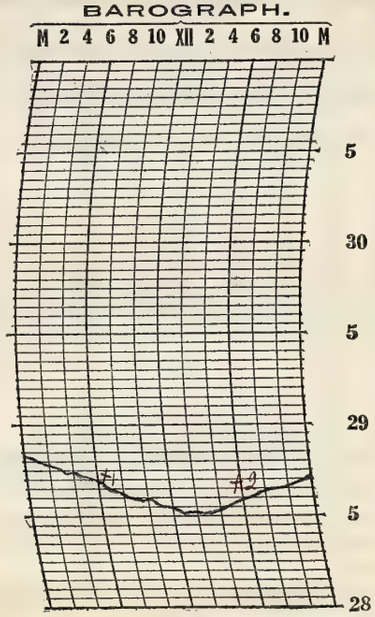


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

8—486

NOTES

It continued raining from yesterday with the heaviest spells occurring between 7:00 and 12:00 m. The rain ended shortly after mid-afternoon and a mist commenced between 6 & 7 p.m. Rain ended shortly after 7:00 p.m. The sky was completely overcast all day. Temperatures remained steady.

* The river fell a little lot by 8:15 a.m. read 6.0 feet and at 4:20 p.m. read 9.7 feet with some light floating ice in the river

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) February 15, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	34	34	34	34	34	35	34	35	36
State of weather: Nature of precipitation and time of beginning and ending						RB 5:15	RE 6:40					
Amounts of precipitation						←0	2→					
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, 6:35 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0.2
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	13	16	16	15	15	14	14	13	12	12	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	35	35	35	35	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending									RB 8:10 RE 8:20			
Amounts of precipitation									T			
Cloudiness and other conditions	← Cloudy →											
Sunset: Time, 5:15 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	8	9	10	10	10	8	6	5	6	4	4	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

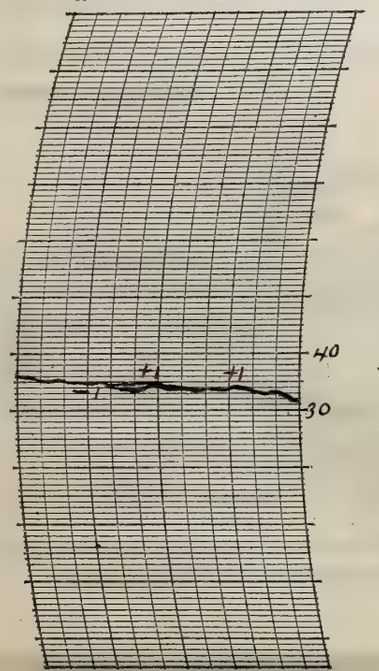
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	33	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10.
Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 2
Prevailing wind direction, W Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 1:58 a.m.
Reduced barometer, 29.83 7a. m. 29.93 7p. m.
River gage, 13.5 feet *
Relative humidity, 90 7a. m. 89 7p. m.

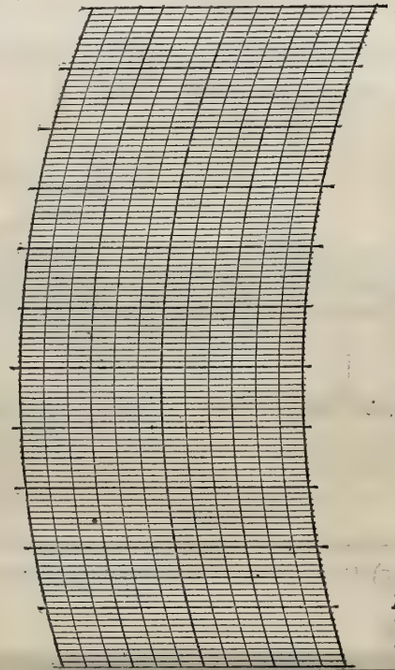
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.8 Wet temperature, 33.9
Dew-point, 31 R. humidity, 83 V. pressure, .172
Clouds: Amount, 10; Kind, st cu; Direction, W
Velocity of clouds (miles per hour)

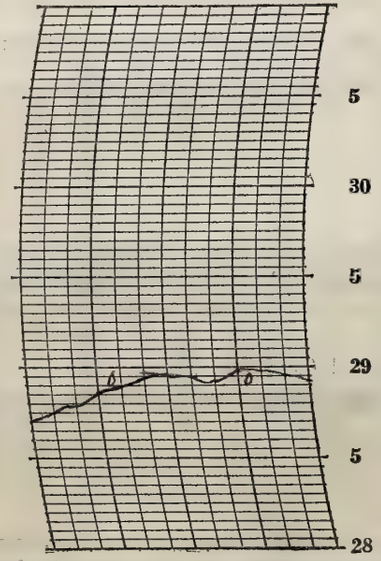
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

The sky was overcast all day. A light rain fell just before sunrise and during the evening at 8:10 p.m. a light mist could be felt falling on the face. Temperatures remained very steady throughout the day.

* The river has more than doubled itself. At 3:30 pm the stage read 14.0 feet and there was light floating ice in the river.

Form No. 1014—Mot'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) February 16, 1928

Time (local standard) 0 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	31	31	31	31	33	33	35
State of weather: Nature of precipitation and time of beginning and ending	RO NNa	RE DNa			SDB 4:30		SDE 6:30					
Amounts of precipitation	← T →				← T →							
Cloudiness and other conditions	← Cloudy									X	P.	Cloudy
Sunrise: Time, Character,	6:34 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	5	4	4	4	6	6	7	8	9	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	34	34	33	32	31	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending								SDB 7:20	SDE 8:15			
Amounts of precipitation								← T →				
Cloudiness and other conditions					← Cloudy				P.	Clear	Cloudy	
Sunset: Time, Character,									5:16 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0.5	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	S
Wind movement	11	10	10	9	9	13	10	10	7	7	8	11

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

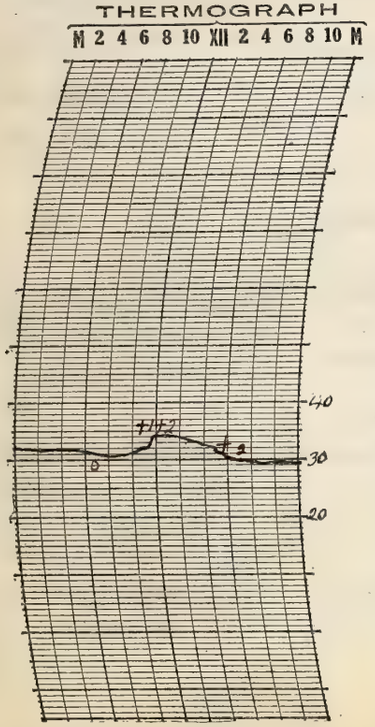
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	30	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.9 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 36
Prevailing wind direction, W Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 12:24 p.m.
Reduced barometer, 29.85 a. m. 29.92 p. m.
River gage, 14.0 feet
Relative humidity, 95 a. m. 48 p. m.

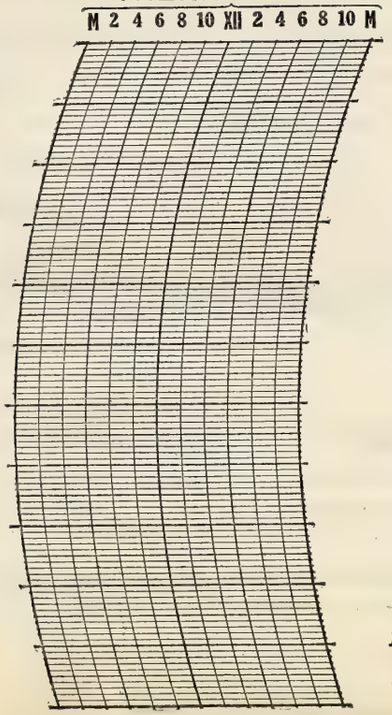
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.1 Wet temperature, 30.3
Dew-point, 23 R. humidity, 57 V. pressure, .118
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

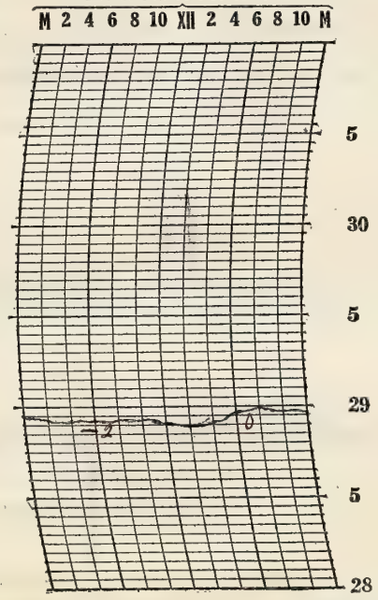
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJB

Verified by E.L.A.

8—486

NOTES

There was rain and snow during the early morning which froze and made the sidewalks and streets slippery. It melted soon after sunrise. Temperatures rose until a little after noon and then commenced falling. Snow fell around 7:45 p.m. and shortly afterward it cleared up for a brief period and then became cloudy again.

The river read a half foot higher than yesterday and probably crested yesterday evening

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) February 17, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	29	29	29	31	33	33	36	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0.2	0.6	0.2	1.0	1.0
Wind direction	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	10	10	10	9	9	7	8	8	8	6	7	7
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	36	35	35	34	33	32	32	31	31	30
State of weather: Nature of precipitation and time of beginning and ending			SP B 2:13	SP E 3:40	SWB 4:50							SW cont
Amounts of precipitation			← T →		0.2		×			17		→
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0	0						
Wind direction	S	S	S	SW	S	S	SE	SE	SE	SE	SE	E
Wind movement	9	11	8	8	7	8	6	5	6	5	4	5

Sunrise: Time, 6:33 Character, Cloudy
Moonrise:
Sunset: Time, 5:18 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	28	34	

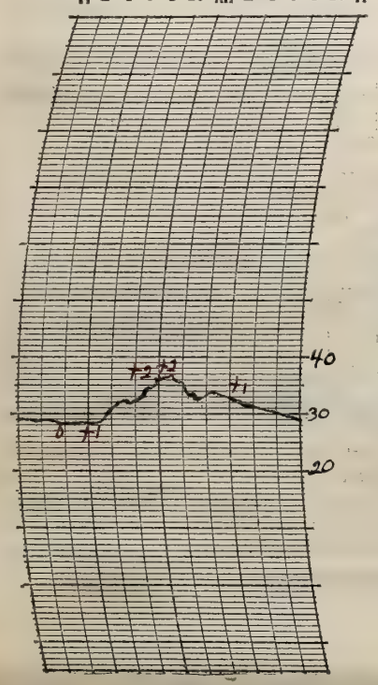
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 2.0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.3 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 49
Prevailing wind direction, S Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 1:55 p.m.
Reduced barometer, 29.91 7a. m. 29.71 7p. m.
River gage, 11.8 feet
Relative humidity, 84 7a. m. 85 7p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

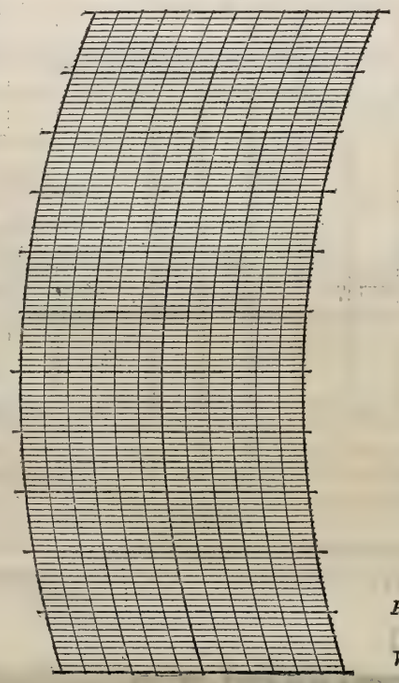
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 37.8 Wet temperature, 33.0
Dew-point, 26 R. humidity, 60 V. pressure, .136
Clouds: Amount, 4 (6); Kind, Cu (Ast); Direction, W
Velocity of clouds (miles per hour)

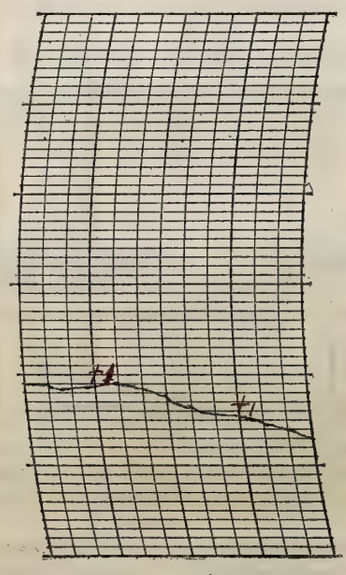
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

During the early morning it was partly cloudy and during the day it varied between cloudy and part cloudy until the mid afternoon when it became cloudy and continued cloudy. During the afternoon it commenced snowing, it stopped for about an hour and then continued during the evening. Temperatures rose until shortly after noon and then commenced falling.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) February 18, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	29	26	25	24	20	19	19	19	18	19	19	19	18	17	17	16	14	13	14	15	16
State of weather: Nature of precipitation and time of beginning and ending	SW cont.									SW 9:45														
Amounts of precipitation				.19					.08															
Cloudiness and other conditions					Cloudy												Clear				Pt. Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.8	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	E	E	E	E	NE	NE	N	N	N	N	NW	N	NW	NW	NW	NW	NW	W	W	W	W	W	W	SW
Wind movement	5	6	8	8	7	8	14	13	13	14	16	16	15	17	16	14	10	10	9	8	7	6	7	6
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:31 Character, Cloudy

Moonrise:

Sunset: Time, 5:19 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

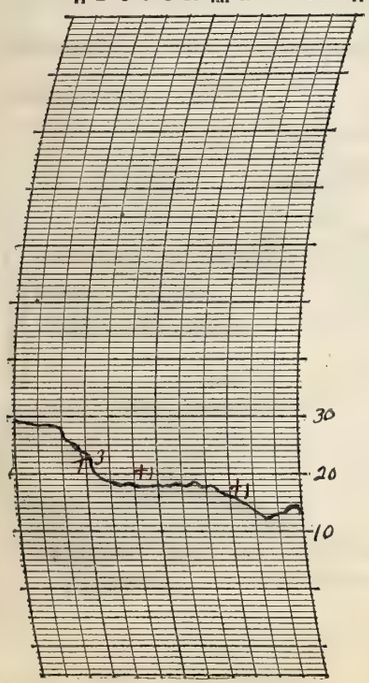
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	12	21	

Total depth of snow for 24 hours ending 7 p. m., 5.8 inches.
Snow, sleet, and hail on ground 7 p. m., 5.4 inches.
Total snowfall, midnight to midnight, 3.8 inches.
Precipitation to 7 a. m., .036 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .27 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.6 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 52
Prevailing wind direction, N & NW Total wind, 253
Average hourly velocity, 10.5 Extreme velocity, 22
Maximum velocity, 21 Direction, NW
Time began, 12:30 p. m.
Reduced barometer, 29.57 7 a. m. 30.15 7 p. m.
River gage, 10.9 feet
Relative humidity, 100 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.9 Wet temperature, 17.7
Dew-point, 15 R. humidity, 82 V. pressure, .081
Clouds: Amount, 10; Kind, st; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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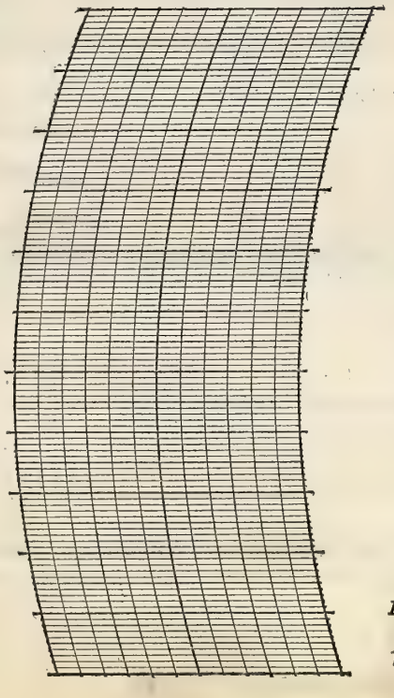
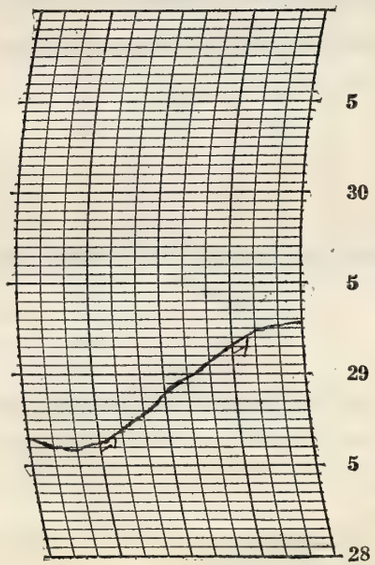


BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

8—486

NOTES

Snow continued falling until mid-morning. It commenced clearing up during the afternoon but it became partly cloudy during the late evening. The stars were visible

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) February 19, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	6	5	5	7	9	10	14	16	19	21	22 SDB 11:30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												←.01→
Cloudiness and other conditions	← Pt Cloudy				→ × Clear			× Pt Cldy			× Cloudy	
Sunshine (in tenths of hours)							0	0	0.6	0.9	0.4	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	10	9	10	10	11	14	19	21	20	21
Maximum velocities (exceeding 24 miles) direction and time										25 SW 9:13	25 SW 10:31	25 SW 11:12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	27 SDE 1:20	28	30	30	31	32	32 SDB 7:45	29 SDE 8:50	27	24	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								←.T→				
Cloudiness and other conditions	× Pt Cldy		× Clear		× Pt Cldy		× Cloudy		→			
Sunshine (in tenths of hours)	0.4	0.5	0	0.1	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	17	24	24	23	22	22	23	18	24	19	20	20
Maximum velocities (exceeding 24 miles) direction and time		28 SW 1:51	28 SW 2:16	26 SW 3:32	25 SW 4:29	27 SW 5:21	26 SW 6:30	25 SW 7:07	28 W 8:23	25 W 9:31	26 W 10:17	

Sunrise: Time, 6:30 Character, Cloudy

Moonrise:

Sunset: Time, 5:20 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	5	19	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 5.4 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.5 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 32
Prevailing wind direction, SW Total wind, 420
Average hourly velocity, 17.5 Extreme velocity, 32
Maximum velocity, 28 Direction, SW
Time began, ~~2:23~~ 2:16 P. p.m.
Reduced barometer, 30.18 7 a. m. 29.88 7 p. m.
River gage, 9.3 feet
Relative humidity, 87 7 a. m. 74 7 p. m.

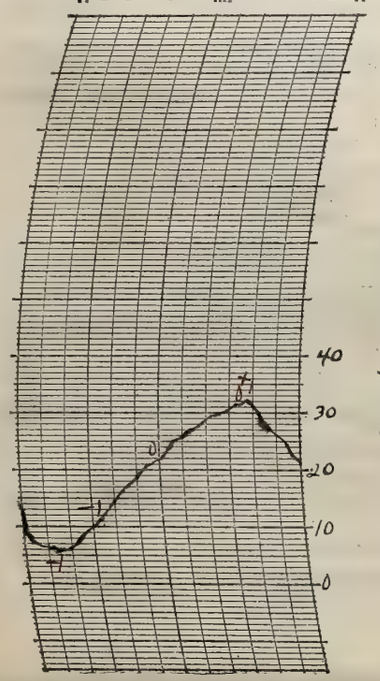
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 22.1 Wet temperature, 21.2
Dew-point, 19 R. humidity, 88 V. pressure, .098
Clouds: Amount, 10; Kind, ns; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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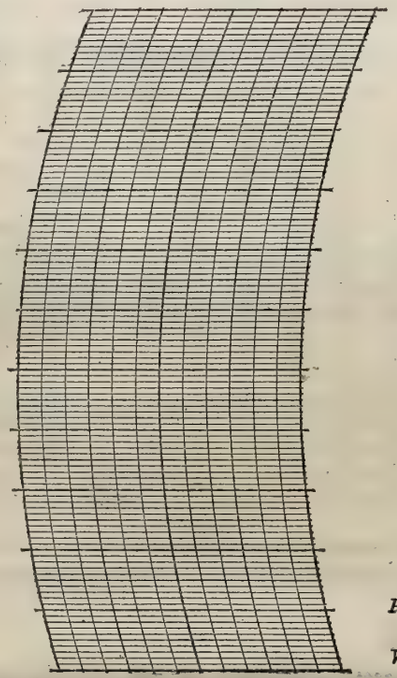
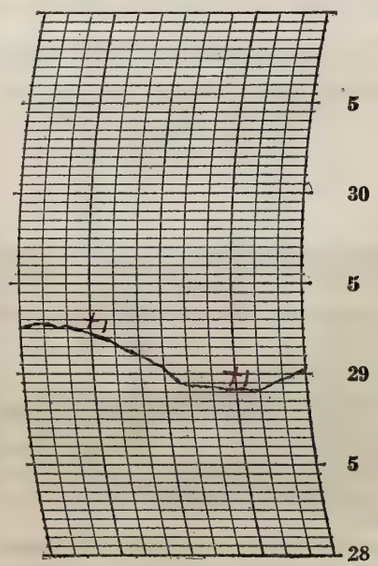


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

It was partly cloudy during the early morning becoming clear near sunrise. However clouds overcast the face of the sun when it arose. It became cloudier toward noon when a light snow commenced falling at 11:30 a.m. and continued to 1:20 p.m. It then cleared up for a while but became cloudy in the evening with a light snow beginning at 7:45 p.m. and ending in about an hour. Temperatures rose throughout most of the day until mid evening when they commenced to fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) February 20, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	19	17	16	15	14	13	13	14	15	16	17	18	20	19	18	16	15	15	13	13	12	12	11
State of weather: Nature of precipitation and time of beginning and ending															S D B 2:55	S D E 4:00								
Amounts of precipitation																T #								
Cloudiness and other conditions	← Clear												Clear Cldy		Cldy		Cldy		Clear →					

Sunrise: Time, 6:29 Character, Clear

Moonrise:

Sunset: Time, 5:21 Character, Clear

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0.52 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7 0	0.35 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	19	19	21	17	15	14	14	12	14	18	19	18	19	19	19	17	14	11	7	9	7	5	6	6
Maximum velocities (exceeding 24 miles) direction and time			27 W 2:05																					

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	11	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 5.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T# ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.5 Possible sunshine, hours, 10.9

Per cent of possible sunshine, 96

Prevailing wind direction, W Total wind, 339

Average hourly velocity, 14.1 Extreme velocity, 29

Maximum velocity, 27 Direction, W

Time began, 2:05 2 m.

Reduced barometer, 30.19 7 a. m. 30.35 7 p. m.

River gage, 8.1 feet

Relative humidity, 64 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

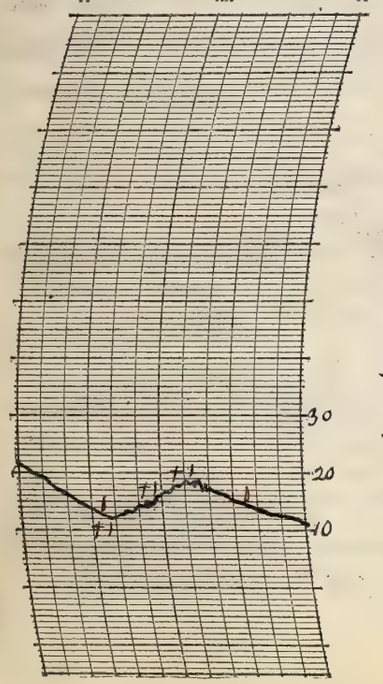
Dry temperature, 16.8 Wet temperature, 14.0

Dew-point, 5 R. humidity, 54 V. pressure, 0.49

Clouds: Amount, 6; Kind, ci; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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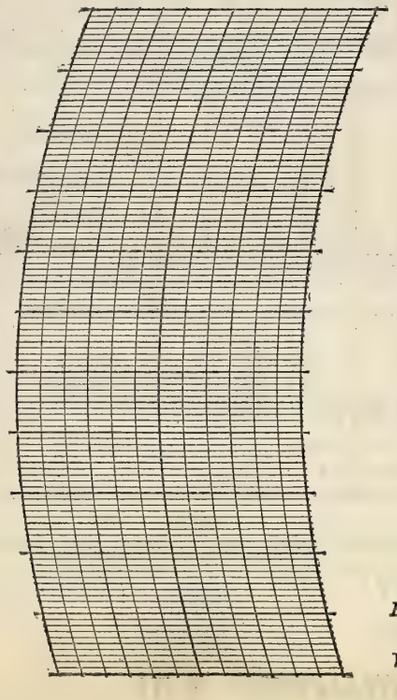
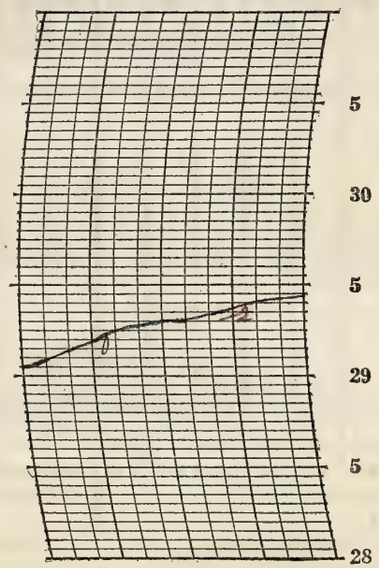


BAROGRAPH.



Prepared by EJS

Verified by E.L.H.

8—486

NOTES

The day as a whole was clear. Near noon there were some high clouds and near 3-4 p.m. snow flurries prevailed. Stars were visible during the morning and evening. Temperatures remained close together with a tendency towards falling during the evening.

Snow was blown into the gauge during the night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) February 21, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	9	8	8	7	9	13	18	21	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, 5:27 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)							0.55 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	4	5	4	5	6	7	7	6	8	11
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	24	26	27	26	26	26	26	27	27	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→ Pt Cldy →				
Sunrise: Time, Character,									Sunset: Time, 5:22 Character, Cloudy			
Moonrise:									Moonset:			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	SW	SW	SW	S	S	S	SE	S	S	SE	SE	S
Wind movement	11	10	9	10	7	5	4	6	8	6	6	8
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	7	17	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 5.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New 3:41 a.m.
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.8 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 90
Prevailing wind direction, SW Total wind, 163
Average hourly velocity, 6.8 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 3:34 p.m.
Reduced barometer, 30.49 7 a. m. 30.38 7 p. m.
River gage, 5.6 feet
Relative humidity, 80 7 a. m. 52 7 p. m.

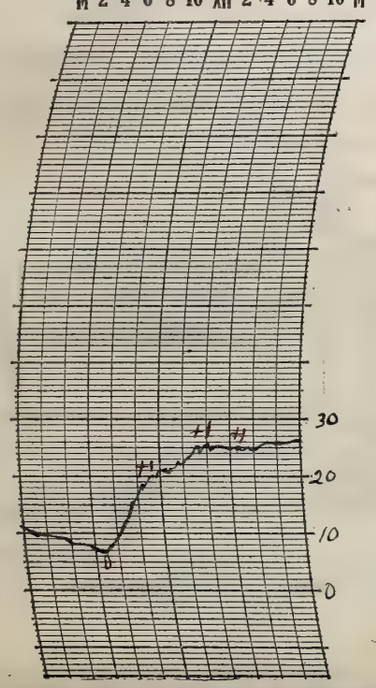
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 20.9 Wet temperature, 17.1
Dew-point, 3 R. humidity, 46 V. pressure, .044
Clouds: Amount, Few; Kind, cirr.; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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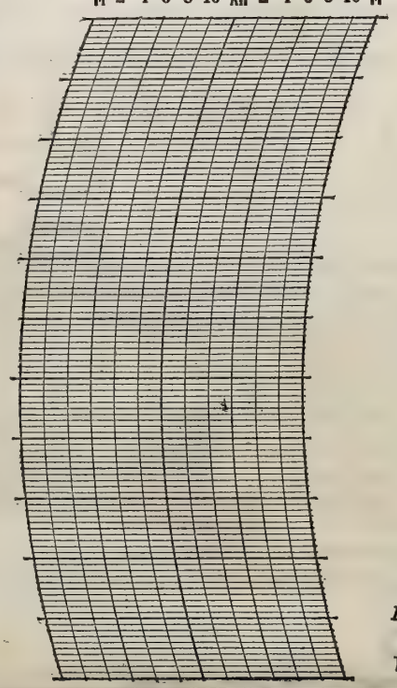

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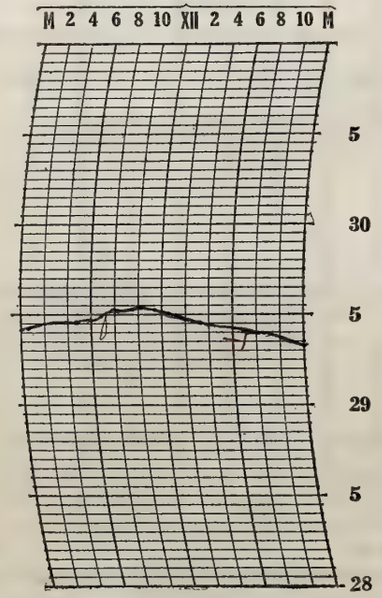


Prepared by [signature]

Verified by E.L.H.

NOTES

It was clear most of the day with some clouds during the afternoon and becoming partly cloudy during the evening. Temperatures gradually rose after sunrise.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) February 22, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	29	31	32	34	35	36	39	41	42	43	43	39	38	37	37	36	36	37	37	37	37
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30	RE 7:30								RB 3:30					RE 8:30			
Amounts of precipitation							T										.07		T					
Cloudiness and other conditions					Cloudy																			
Sunshine (in tenths of hours)							0	0	0	0.1	1.0	0.9	1.0	0.9	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	S	S	S
Wind movement	10	8	8	8	8	9	10	10	9	11	9	10	13	12	13	9	5	6	5	5	5	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:26 Character, Cloudy
Moonrise:
Sunset: Time, 5:24 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

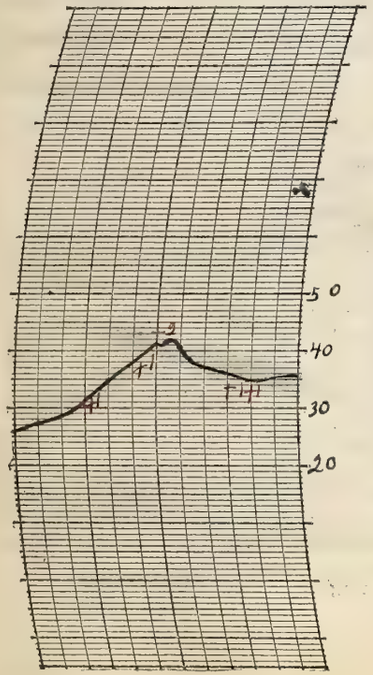
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.9 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 35
Prevailing wind direction, S Total wind, 204
Average hourly velocity, 8.4 Extreme velocity, 18
Maximum velocity, 17 Direction, S
Time began, 12:54 p. m.
Reduced barometer, 30.14 7 a. m. 29.87 7 p. m.
River gage, 5.4 feet #
Relative humidity, 70 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.4 Wet temperature, 36.2
Dew-point, 28 R. humidity, 54 V. pressure, .150
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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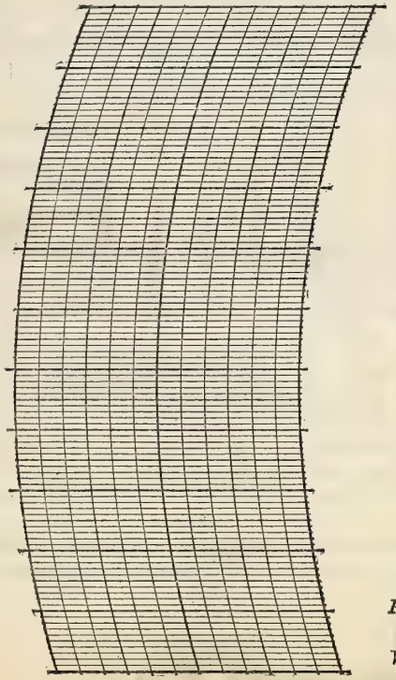

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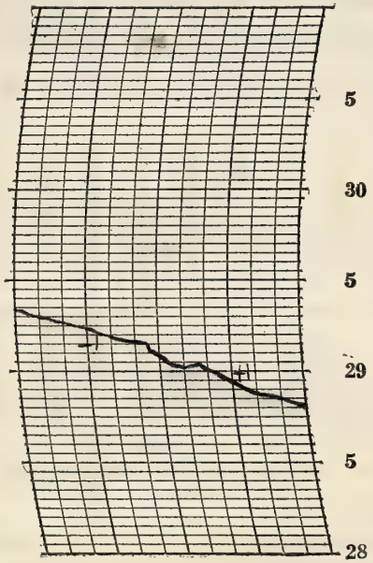


Prepared by CJL
Verified by EGH

8—486

NOTES

It was cloudy all day. The temperatures rose until shortly after noon and then fell during the rest of the day. A light rain began shortly after sunrise and continued for about an hour. At 3:30 pm rain again began to fall and ended at 8:30 pm.

River gage read 5.2 feet at 4:30 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) February 23, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	37	37	37	37	38	38	35
Nature of precipitation and time of beginning and ending				RB DNa			RF 6:30	RB 7:05		RF 9:30		
Amounts of precipitation				←		T	→	←	.02	→		
Cloudiness and other conditions					← Dense Fog			← Fog			Cloudy	
Sunrise: Time, Character,	6:24 Foggy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	NW
Wind movement	8	6	7	8	9	7	8	9	10	10	10	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	29	27	25	25	24	23	21	19	18	16	16
Nature of precipitation and time of beginning and ending		SDB 1:06			SDE 4:12			SDB 7:15 SDE 8:00				
Amounts of precipitation		←		.02	→			T		.04		
Cloudiness and other conditions									XPK		Clear →	
Sunrise: Time, Character,									Sunset: Time, Character,	5:25 Cloudy		
Moonrise:									Moonset:			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	13	15	16	13	12	14	13	14	10	9	9	9

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	16	27	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 0
Prevailing wind direction, SW & NW Total wind, 250
Average hourly velocity, 10.4 Extreme velocity, 21
Maximum velocity, 19 Direction, NW
Time began, 2:23 pm
Reduced barometer, 29.70 7 a. m. 29.96 7 p. m.
River gage, 5.3 feet
Relative humidity, 100 7 a. m. 80 7 p. m.

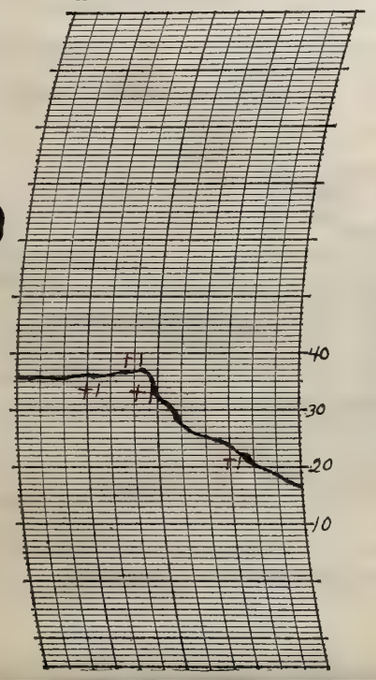
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

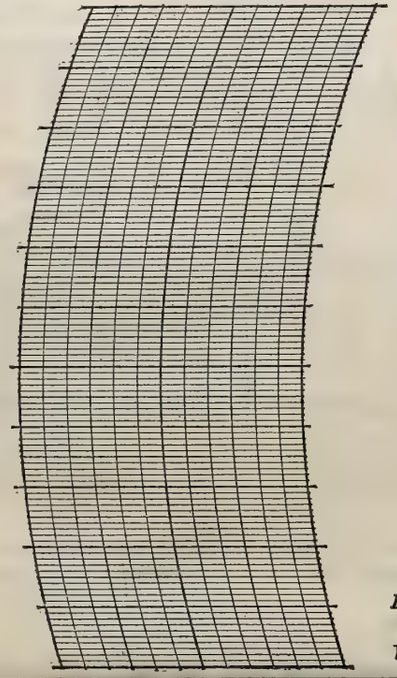
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 34.8 Wet temperature, 33.9
Dew-point, 33 R. humidity, 91 V. pressure, .187
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

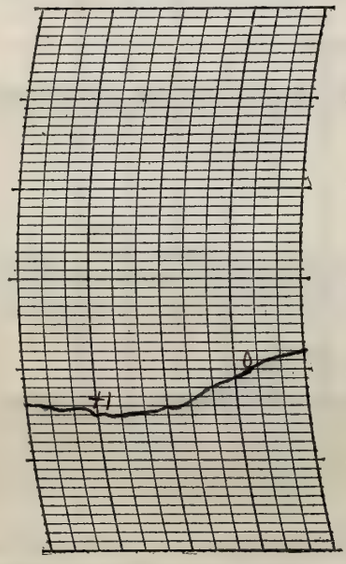
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

During the early morning a fog arose and became dense. At 5:40 a.m. it was light and ended at 8:30 a.m. A very light rain fell during the early morning & ended at 6:30 but soon recommenced at 7:05 a and ceased at 9:30 a.m. Temperature commenced falling shortly before noon and at 1:06 p.m. a light snow commenced falling. There were several heavier flurries and the snow ended at 4:12 p.m. Later during the evening a light snow fell but it quickly cleared up and the stars were visible the rest of the evening.

Cold wave warning received 8:53 a.m. flag hoisted 8:54 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) February 24, 1928

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	13	12	10	10	9	11	11	13	15	16	18	20	20	19	18	18	18	16	16	15	15	14	13
State of weather: Nature of precipitation and time of beginning and ending														S D B 1:15		S D E 3:02				S D B 7:10p S D E 7:30p				
Amounts of precipitation															← T →					T				
Cloudiness and other conditions					←			Clear				→			Partly Cloudy									
Sunrise: Time, 6:23 Character, Clear																					Sunset: Time, 5:26 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.62 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.4	0	0	0						
Wind direction	W	W	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	NW	W	W	NW	NW	N	N	N	N
Wind movement	7	8	6	8	7	8	8	10	13	14	14	15	15	12	12	12	10	7	8	8	6	6	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

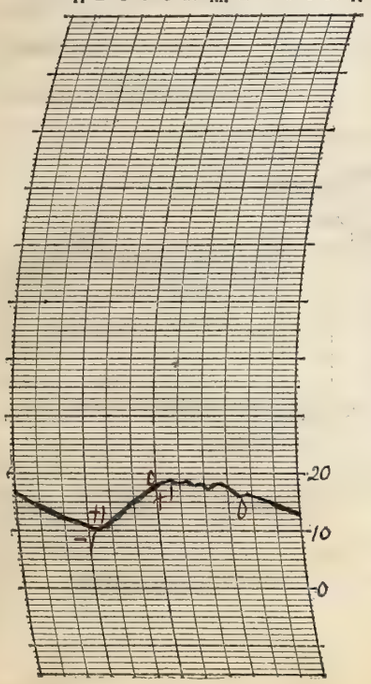
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	9	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 71
Prevailing wind direction, W Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 11:34 2 m
Reduced barometer, 30.25 7 a. m. 30.38 7 p. m.
River gage, 6.4 feet
Relative humidity, 79 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 17.9 Wet temperature, 15.0
Dew-point, 5 R. humidity, 54 V. pressure, .049
Clouds: Amount, 4; Kind, cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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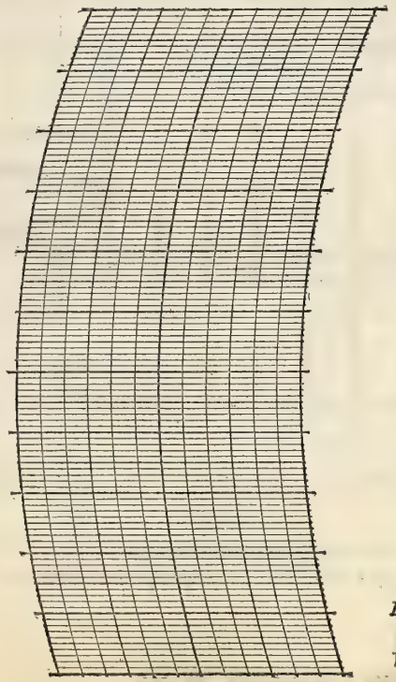

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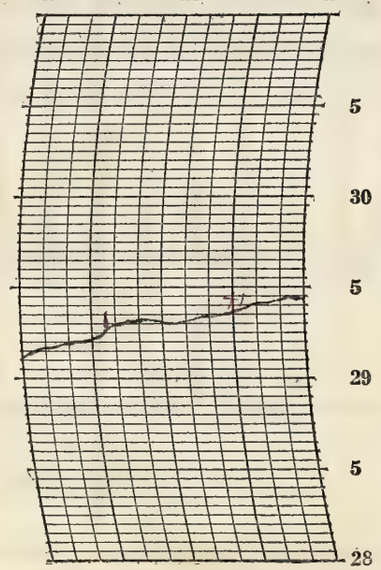


Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

It was clear during most of the morning becoming partly cloudy or cloudy during the afternoon. The moon was visible part of the early evening although clouds covered it occasionally. Some stars were visible between the clouds. Temperatures rose after sunrise until shortly before mid-afternoon and then commenced falling. Snow flurries began at 1:15 p.m. and continued, at intervals, until 3:02 p.m. A light snow also fell in the early evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) February 25, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	11	10	9	8	7	9	10	13	16	16	20	17	18	18	16	15	13	12	11	10	8	8
State of weather: Nature of precipitation and time of beginning and ending			SDB DNa	SDE DNa											SDB 2:00 SDE 3:00									
Amounts of precipitation			T												T									
Cloudiness and other conditions					← Cldy						xPt Cldy x			Cloudy				xPt Cldy	x		Clear			→

Sunrise: Time, 6:21 Character, Cloudy

Moonrise:

Sunset: Time, 5:27 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	0.9	0.4	0.3	0.2	0						
Wind direction	NE	NE	E	E	NE	E	E	SE	SE	SE	S	NW	SW	SW	W	W	NW	NW	W	W	W	W	W	W
Wind movement	5	4	4	5	4	4	4	4	3	4	6	5	6	8	7	9	10	8	8	6	7	6	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	7	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 1.8 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 6.0 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 54

Prevailing wind direction, W Total wind, 138

Average hourly velocity, 5.8 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 4:37 pm.

Reduced barometer, 30.45 7 a. m. 30.43 7 p. m.

River gage, 5.9 feet

Relative humidity, 86 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

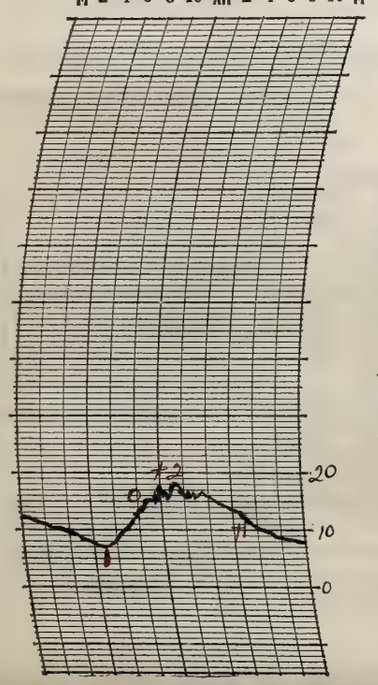
Dry temperature, 15.6 Wet temperature, 14.0

Dew-point, 9 R. humidity, 73 V. pressure, .060

Clouds: Amount, 9; Kind, cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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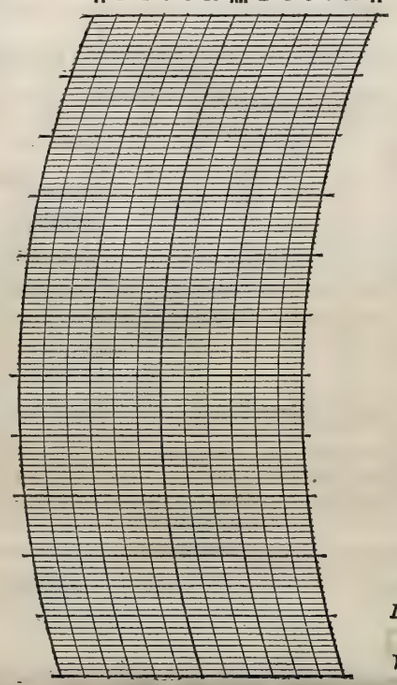
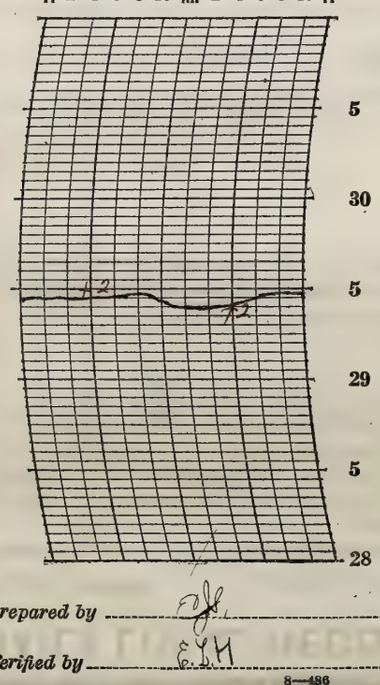


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

The moon and stars were visible during the evening but the moon soon set. There were several light snow flurries, one in the early morning and another was mid-afternoon. It was cloudy for the greater part of the day becoming clear in the evening. Temperatures rose shortly after sunrise and shortly after noon commenced falling and continued to fall into the night.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) February 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	7	6	5	5	5	6	9	14	19	23	25	28	29	30	30	30	29	28	28	29	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←	Clear				×Clear								Clear							→
Sunshine (in tenths of hours)							0.67 / 0	0.2 / 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	0.47 / 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	6	8	7	9	8	9	11	13	14	15	17	18	20	20	19	18	17	15	16	18	16	18	18
Maximum velocities (exceeding 24 miles) direction and time														26 SW 1:45										

Sunrise: Time, 6:20 Character, Clear

Moonrise:

Sunset: Time, 5:28 Character, Clear

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

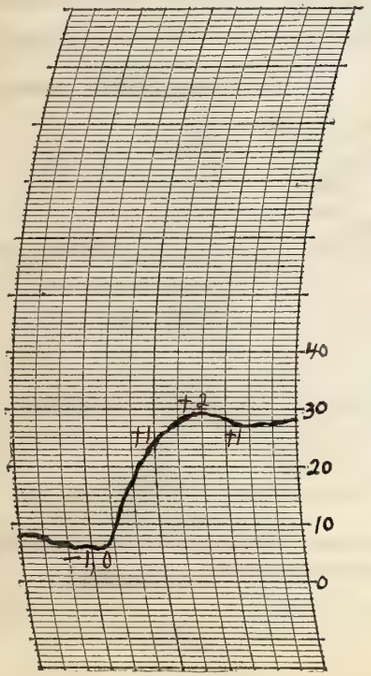
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	5	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.9 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.1 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 335
Average hourly velocity, 14.0 Extreme velocity, 30
Maximum velocity, 26 Direction, SW
Time began, 1:45 pm
Reduced barometer, 30.39 7 a. m. 30.18 7 p. m.
River gage, 4.5 feet
Relative humidity, 85 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 25.0 Wet temperature, 21.7
Dew-point, 14 R. humidity, 59 V. pressure, .077
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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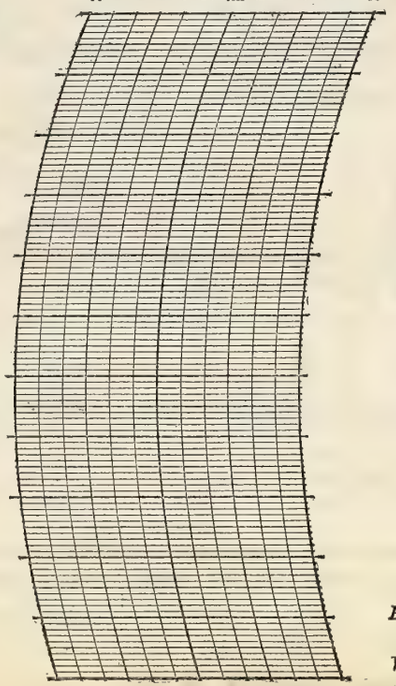
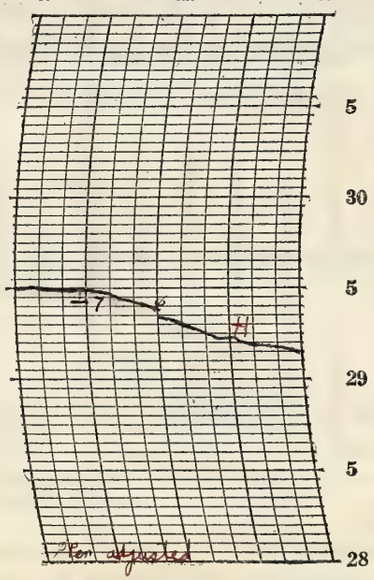


BAROGRAPH.



Prepared by EJS

Verified by

NOTES

It was clear practically all day. The moon was visible in the early evening, while the stars could be clearly observed. Temperatures rose most of the day and only made a slight fall during the evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) February 27, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	29	28	28	29	31	32	34	36	37	38	38	38	37	36	34	32	31	30	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cldy ×				Pt. Cldy		×					Clear								
Sunrise: Time, 6:19 Character, Cloudy																					Sunset: Time, 5:29 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.4 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	18	16	12	11	11	10	9	8	9	10	12	11	11	12	11	11	9	6	5	6	5	4	4	1
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	28	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, First 1:12 pm

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.1 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 81

Prevailing wind direction, W Total wind, 222

Average hourly velocity, 9.2 Extreme velocity, 23

Maximum velocity, 22 Direction, SW

Time began, 12:17 AM

Reduced barometer, 30.09 7 a. m. 30.15 7 p. m.

River gage, 3.3 feet

Relative humidity, 79 7 a. m. 63 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

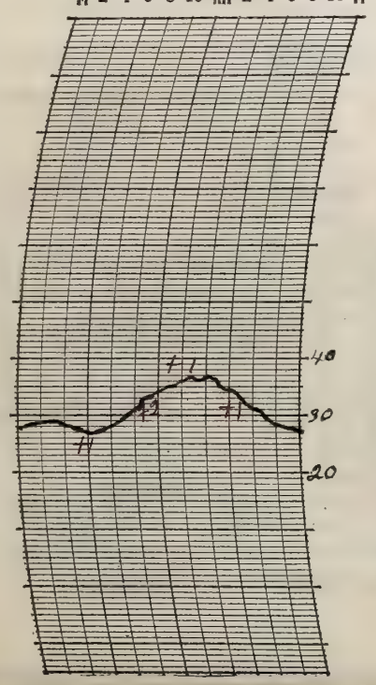
Dry temperature, 36.4 Wet temperature, 32.2

Dew-point, 26 R. humidity, 64 V. pressure, .136

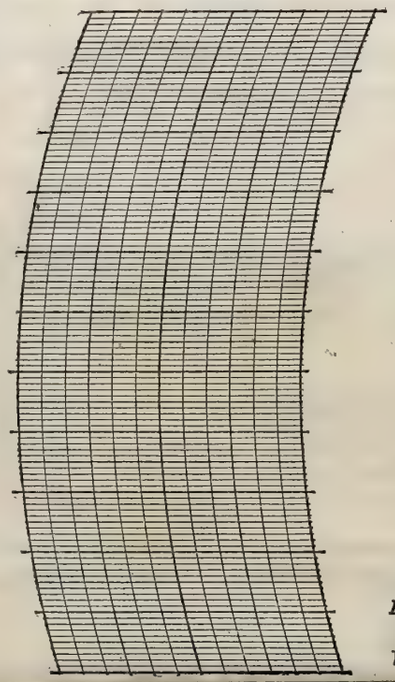
Clouds: Amount, 1; Kind, cu.; Direction, NW

Velocity of clouds (miles per hour)

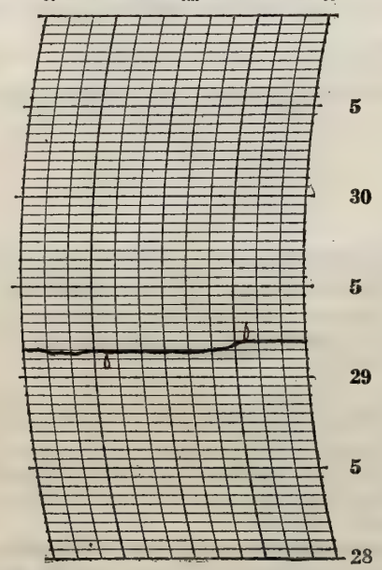
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

The moon was visible during the earlier part of the evening and the stars were quite bright. During the earlier half of the day it was cloudy to part cloudy with temperatures remaining nearly steady until a while before noon when it commenced rising. Temperatures gradually fell during the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) February 28, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	27	27	27	27	26	29	31	34	36	40	45	45	46	45	44	41	40	40	40	39	38	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear								Pt cldy	Cloudy			Pt cldy					Clear →						
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1 0.5	0.52 0						
Wind direction	NW	NW	W	W	W	WS	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	W	W
Wind movement	2	1	1	1	2	2	6	8	8	10	10	11	12	15	16	~~17~~ 15	13	12	11	12	14	11	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:17 Character, Cloudy
Moonrise:
Sunset: Time, 5:31 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	26	36	

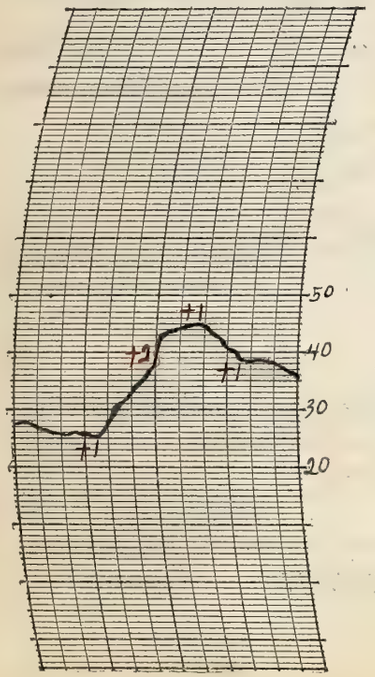
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.1 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 81 ~~209~~
Prevailing wind direction, SW Total wind, ~~211~~
Average hourly velocity, 8.7 Extreme velocity, 21
Maximum velocity, 20 Direction, SW
Time began, 8:36 pm
Reduced barometer, 30.10 7 a. m. 29.84 7 p. m.
River gage, 4.7 feet.
Relative humidity, 75 7 a. m. 70 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

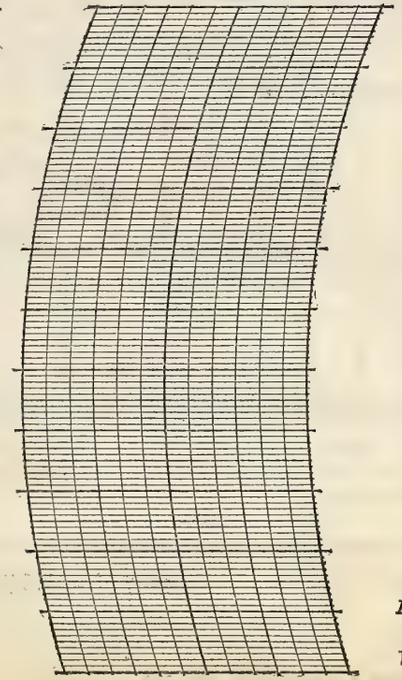
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 35.9
Dew-point, 30 R. humidity, 66 V. pressure, .164
Clouds: Amount, 5; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

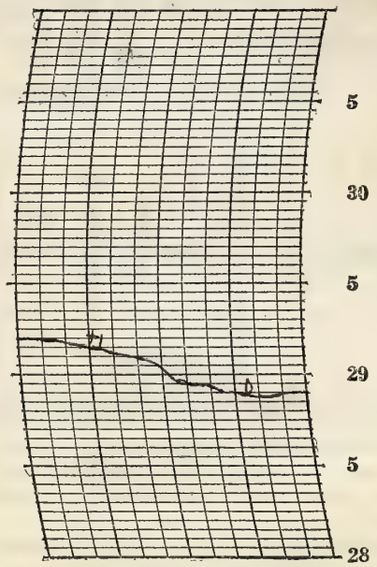
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.H.
Verified by E.J.H.

NOTES

The moon and stars were visible in the evening. It was clear during the early morning becoming cloudy during the later part but clearing up in the afternoon. Temperatures rose after sunrise and reached the highest at midafternoon and falling slightly in the evening.

Anemometer cleaned

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) February 29, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	33	32	32	31	31	32	34	35	36	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← PT		Cldy			—	×	—
Sunrise: Time, 6:15 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)							0.75 0	0.1 0.9	1.0	1.0	1.0	0.9
Wind direction	W	W	W	W	SW	SW	SW	W	W	W	W	W
Wind movement	10	9	9	6	6	6	6	7	10	11	11	11
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	32	31	31	31	31	30
Nature of precipitation and time of beginning and ending									SMB 8:15		SME 10:10	
Amounts of precipitation									← T →			
Cloudiness and other conditions	Cloudy					Xy	X Clear Cldy	PTcy		Cldy		
Sunset: Time, 5:32 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	SW	SW	SW	SW	W	NW	NW
Wind movement	14	11	11	10	7	7	8	8	8	11	12	12
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

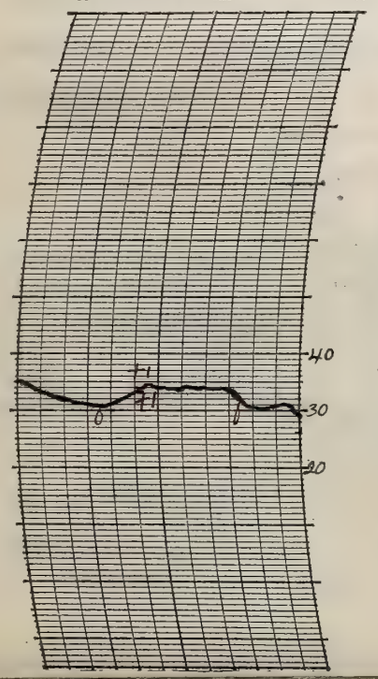
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	30	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 7 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 7 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.6 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 50
Prevailing wind direction, W Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 12:44 pm
Reduced barometer, 29.86 7 a. m. 29.86 7 p. m.
River gage, 5.4 feet
Relative humidity, 87 7 a. m. 75 7 p. m.

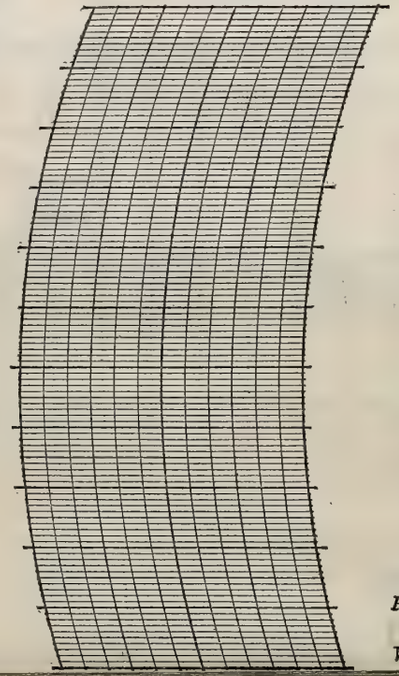
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 31.0
Dew-point, 25 R. humidity, 64 V. pressure, .130
Clouds: Amount, 7 3; Kind, Ac 2 st; Direction, W
Velocity of clouds (miles per hour)

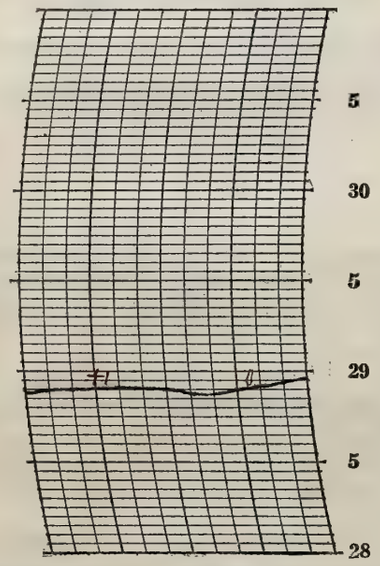
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H

NOTES

Temperatures remained practically the same throughout the day. The moon and stars were visible during the early part of the evening and light snow flurries occurred near the mid evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 1, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	26	25	24	23	24	24	25	28	29	31	32	34	33	32	32	31	31	31	30	31	30	29
State of weather: Nature of precipitation and time of beginning and ending																		SMB 5:30 SME 6:00		SMB 7:30p	SME 8:11			
Amounts of precipitation																		T		.01				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	12	15	12	12	14	14	10	11	12	11	10	10	12	12	14	14	13	13	14	12	11	13	10	8
Maximum velocities (exceeding 24 miles) direction and time																								

Cloudiness: ← Pt. Cldy × — Clear — × Pt. Cldy × — Cloudy × Pt. Cldy — Cldy × Pt. Cldy →

Sunrise: Time, 6:15 Character, Cloudy

Moonrise:

Sunset: Time, 5:32 Character, Cloudy

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	22	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 8.1 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 72

Prevailing wind direction, W Total wind, 289

Average hourly velocity, 12.0 Extreme velocity, 29

Maximum velocity, 20 Direction, SW

Time began, 2:39 p.m.

Reduced barometer, 30.06 7 a. m. 30.06 7 p. m.

River gage, 4.9 feet

Relative humidity, 42 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

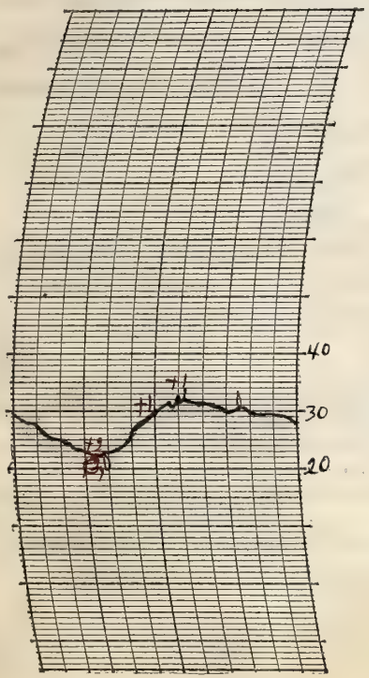
Dry temperature, 31.2 Wet temperature, 26.3

Dew-point, 16 R. humidity, 50 V. pressure, 08.5

Clouds: Amount, 2; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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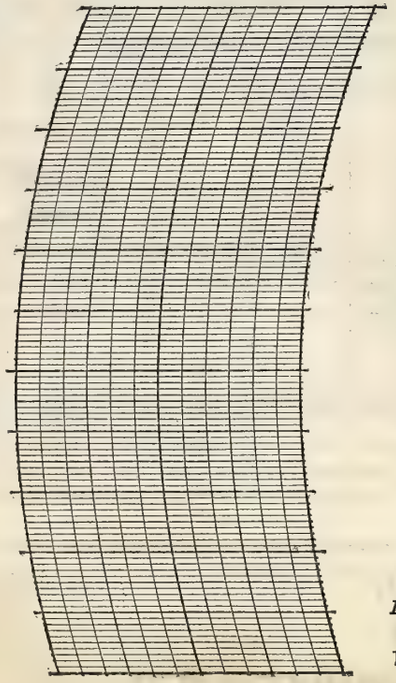
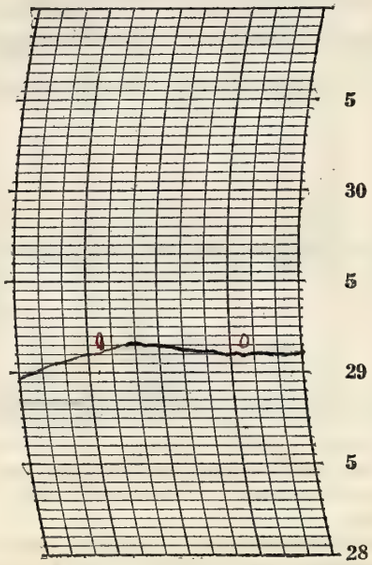


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

The temperature was slightly colder than yesterday. It rose soon after sunrise and remained nearly steady after sunset. It cleared up during the morning but it became part cloudy to cloudy during the afternoon and evening. The moon could be seen in the evening but clouds at times wholly or partially covered it. The stars were also visible. A light snow occurred near sunset and a heavy fall occurred near 8:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 2, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	25	24	24	25	28	32	35	38	40	40	42	42	41	40	34	37	33	32	31	29	28
														SMB 1:05 SME 1:30			SMB 4:50					SMB 10:00		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation														T				T			.01			
Cloudiness and other conditions					Pt. Cldy		X		Clear			X Pt. Cldy	X Pt. Cldy	X	Clear	X	X Cldy		Cloudy					
Sunrise: Time, 6:14 Character, Clear																					Sunset: Time, 5:33 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.77 0	0.3 0.6	1.0	1.0	1.0	1.0	0.7	0.9	1.0	0.2	0	0						
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	NW	NW	NW	W
Wind movement	7	9	9	8	8	9	12	16	16	18	17	18	18	24	25	19	18	17	11	8	8	7	6	7
Maximum velocities (exceeding 24 miles) direction and time													25 W 12:53	27 W 1:47	34 W 2:04									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

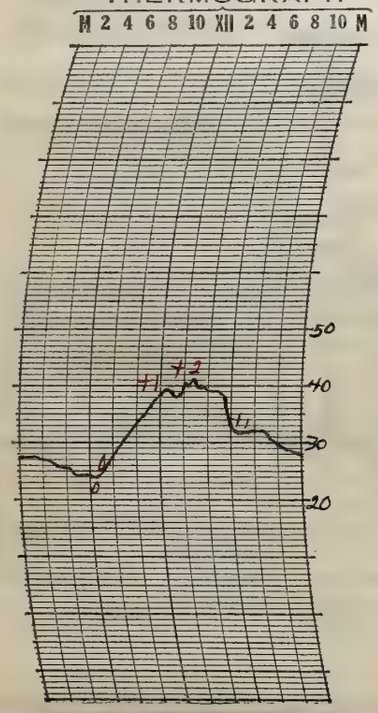
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	24	34	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.5 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 75
Prevailing wind direction, W Total wind, 315
Average hourly velocity, 13.1 Extreme velocity, 36
Maximum velocity, 34 Direction, W
Time began, 2:04 p.m.
Reduced barometer, 30.05 7a. m. 30.03 7p. m.
River gage, 4.4 feet
Relative humidity, 75 7a. m. 84 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.8 Wet temperature, 33.9
Dew-point, 25 R. humidity, 54 V. pressure, .130
Clouds: Amount, 8; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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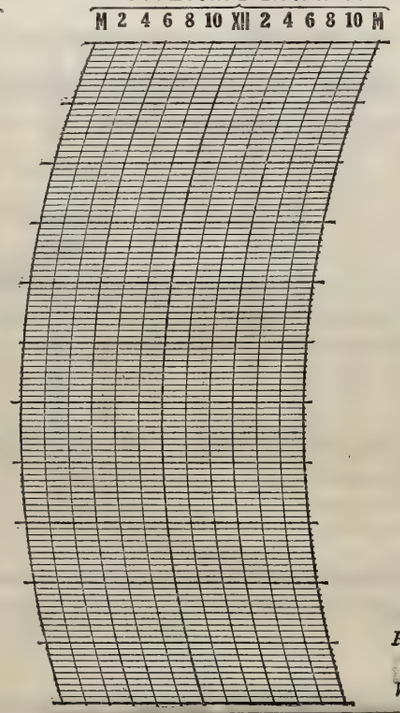
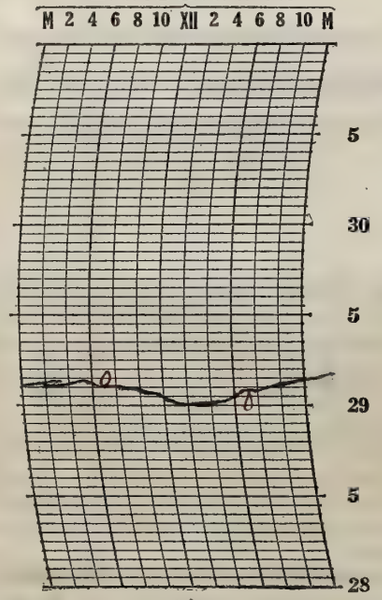


BAROGRAPH.



Prepared by E.J.H.

Verified by E.L.H.

NOTES

The day as a whole was partly cloudy with a light snowfall in the afternoon and a heavier one from shortly before sunset until 10:00 p.m. Strong winds blew during the first half of the afternoon.

8—186

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 3, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	25	24	22	21	21	20	22	24	26	27	28	30	31	33	34	35	33	32	31	30	29	28	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy							Clear												
Sunshine (in tenths of hours)							0.60 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.57 0						
Wind direction	NW	NW	W	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	S	SW	SW	S	S
Wind movement	7	7	6	7	6	6	7	7	10	12	13	13	12	13	12	7	8	6	6	8	7	9	10	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:12 Character, Clear
Moonrise:
Sunset: Time, 5:34 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

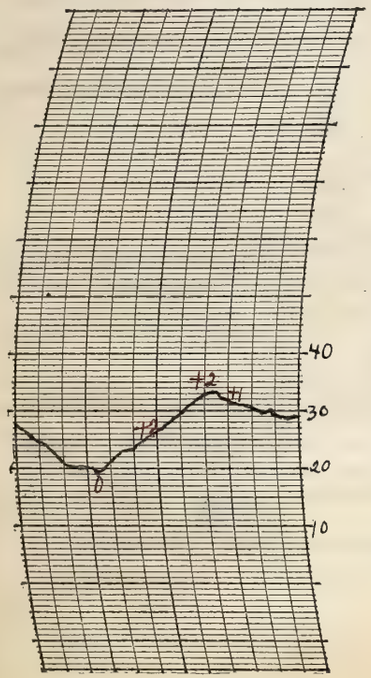
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 210
Average hourly velocity, 8.8 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 1:30 p.m.
Reduced barometer, 30.21 7 a. m. 30.14 7 p. m.
River gage, 4.2 feet
Relative humidity, 78 7 a. m. 50 7 p. m.

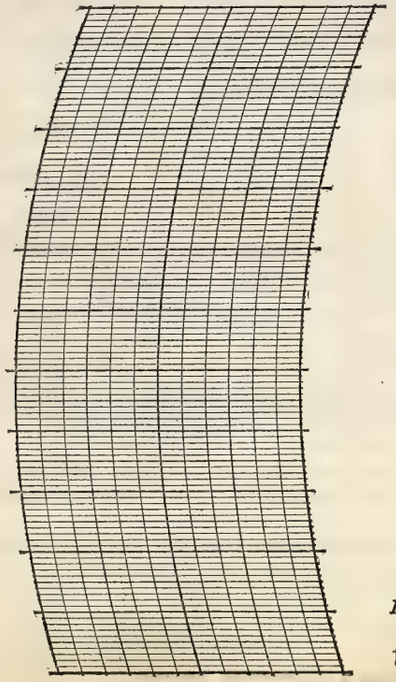
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.6 Wet temperature, 23.4
Dew-point, 14 R. humidity, 52 V. pressure, .077
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

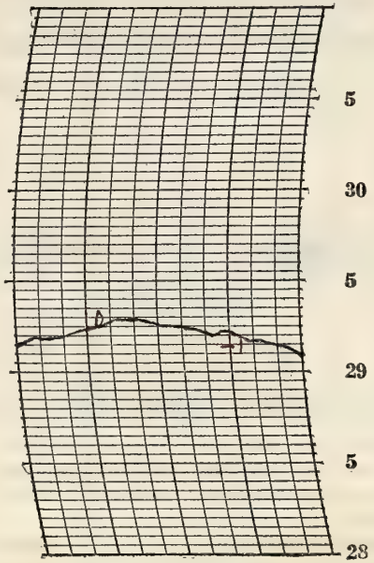
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

NOTES

The moon and stars were visible in the evening. Moderate to light westerly winds prevailed while temperatures were below the seasonal normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 4, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	30	31	34	35	35	36	38	40	39	40	29	28	29	30	27	25	22	21	20	20	19	19
State of weather: Nature of precipitation and time of beginning and ending										R B 9:30 R E 9:35			S D B 12:35		S D E 2:15									
Amounts of precipitation										T				← T →										
Cloudiness and other conditions						←				Cloudy							Cloudy				Clear			→
Sunrise: Time, 6:10 Character, Cloudy																					Sunset: Time, 5:35 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.2	0	0	0	0.3	0	0.3	0.9	0.4 0.6	0.58 0						
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	10	11	12	13	15	17	18	20	21	19	17	15	18	22	21	19	19	16	13	13	12	8	6	5
Maximum velocities (exceeding 24 miles) direction and time															26 NW 2:10									

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	19	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.3 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 29
Prevailing wind direction, NW Total wind, 360
Average hourly velocity, 15.0 Extreme velocity, 30
Maximum velocity, 26 Direction, NW
Time began, 2:10 p.m.
Reduced barometer, 29.80 7 a. m. 30.06 7 p. m.
River gage, 3.9 feet
Relative humidity, 73 7 a. m. 65 7 p. m.

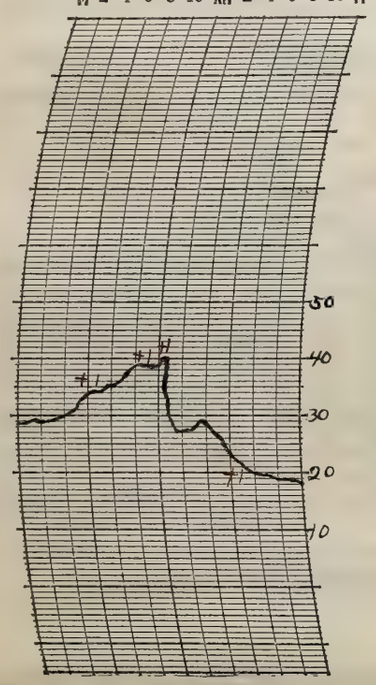
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

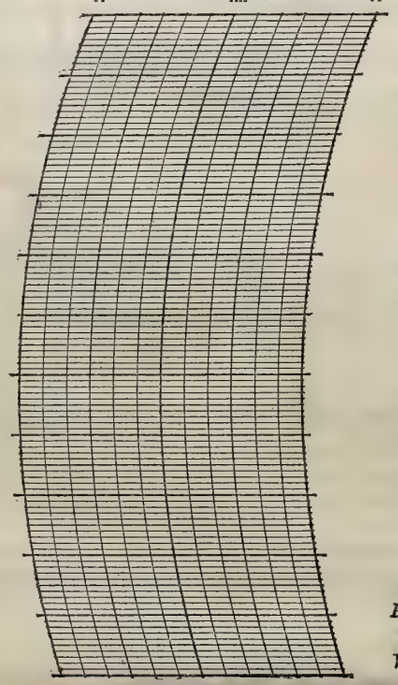
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 38.0
Dew-point, 35 R. humidity, 83 V. pressure, .203
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

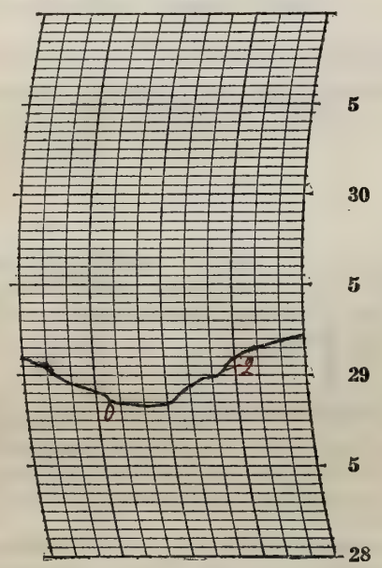
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.Y.H.

NOTES

The moon and stars were visible in the evening. A light rain fell near mid morning and during the early part of the afternoon there was a light snowfall. The sky cleared up during the day while strong to light westerly winds prevailed.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 5, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	18	19	19	19	18	18	19	19	20	20	21
Nature of precipitation and time of beginning and ending							SD B 6:49 SD E 6:58	SD B 7:25 SD E 7:43		SD B 9:45	SD E 10:15	
Amounts of precipitation							T	T		T	T	
Cloudiness and other conditions					Pt. Cldy	Cloudy				Pt. Cldy		
Sunrise: Time, 6:09 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)							0.85 0	0.1 0	0.3	0.8	1.0	1.0
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	6	5	7	8	9	9	9	11	11	11	12	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	24	24	24	23	22	21	19	19	18	17
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		X	Clear									
Sunset: Time, 5:36 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1 0.9	0.60 0						
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	W	W
Wind movement	13	14	12	12	11	10	7	4	5	4	4	2

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

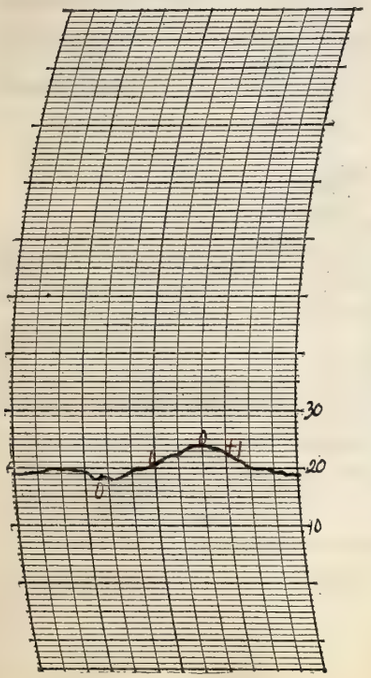
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	17	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10): 4
Actual sunshine, hours, 9.6 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 84
Prevailing wind direction, W Total wind, 207
Average hourly velocity, 8.6 Extreme velocity, 18
Maximum velocity, 15 Direction, NW
Time began, 7:03 a m
Reduced barometer, 30.31 7a. m. 30.38 7p. m.
River gage, 3.4 feet
Relative humidity, 65 7a. m. 59 7p. m.

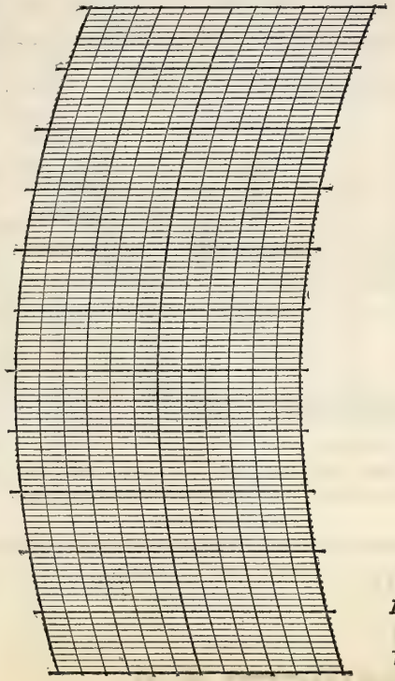
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 20.6 Wet temperature, 17.2
Dew-point, 7 R. humidity, 51 V. pressure, 0.54
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

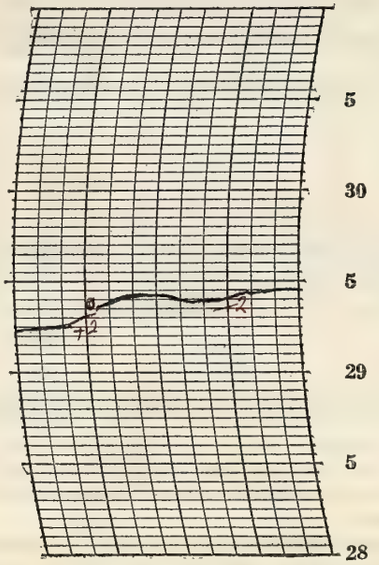
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.J.H.

NOTES

The moon and stars were visible in the evening. There were several snow flurries during the morning but it became clear during the afternoon, while temperature remained cold.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 6, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	19	18	19	20	20	22	25	27	29	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←						Clear	
Sunshine (in tenths of hours)							0.88 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	W	NW	W	W	S	S	SE	S	SE	SE	SE	SE
Wind movement	2	2	3	2	3	5	4	7	6	6	6	8

Sunrise: Time, 6:07 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	35	37	37	37	36	36	34	34	33	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						×Pt. Cldy			Cloudy			→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0						
Wind direction	S	S	S	S	S	SE	S	S	S	S	S	S
Wind movement	9	9	10	9	8	6	8	10	11	13	12	12

Sunset: Time, 5:37 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	17	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, Full 5:27 a m

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.8 Possible sunshine, hours, 11.5

Per cent of possible sunshine, 85

Prevailing wind direction, S Total wind, 171

Average hourly velocity, 7.1 Extreme velocity, 15

Maximum velocity, 15 Direction, S

Time began, 9:37 p.m.

Reduced barometer, 30.48 7a. m. 30.29 7p. m.

River gage, 2.7 feet

Relative humidity, 64 7a. m. 49 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

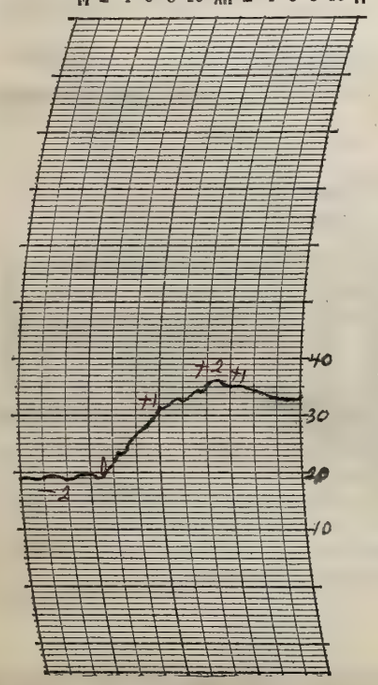
Dry temperature, 31.8 Wet temperature, 26.9

Dew-point, 17 R. humidity, 51 V. pressure, .089

Clouds: Amount, 2; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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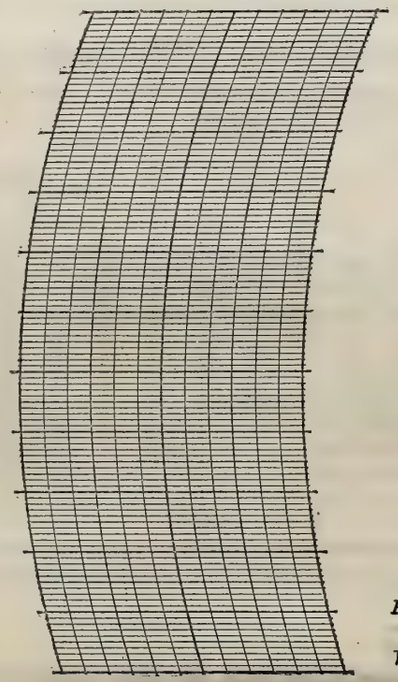
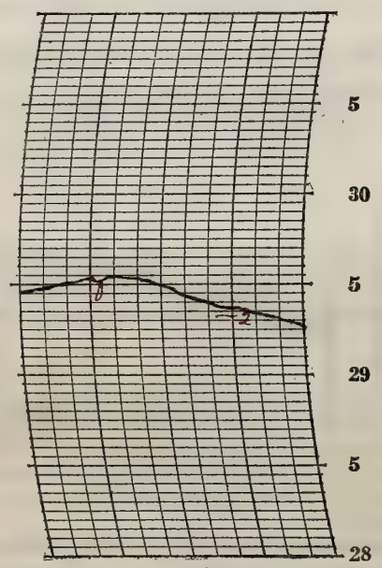


BAROGRAPH.



Prepared by CJ.

Verified by E.L.H.

NOTES

During the evening the moon could be observed since it made a bright lining to the clouds in its immediate vicinity. It was clear the greater part of the day becoming cloudy by evening. Temperature showed an upward trend until mid-afternoon and remained nearly the same the rest of the day.

8—436

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 7, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	36	37	38	39	39	39	39	39	39	39	38	40	41	40	39	38	36	33	32	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending		RB DNe	RE DNa																					
Amounts of precipitation		T																						
Cloudiness and other conditions					← Cldy				× Pcldy									Clear						→
Sunshine (in tenths of hours)							0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.65 0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	NW	W	W	NW	W	NW	NW	W	NW	NW	NW	NW	NW	NW	W	N
Wind movement	13	15	16	19	16	11	13	17	16	15	16	16	14	14	14	11	11	9	6	6	3	3	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:06 Character, Cloudy
Moonrise:

Sunset: Time, 5:39 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

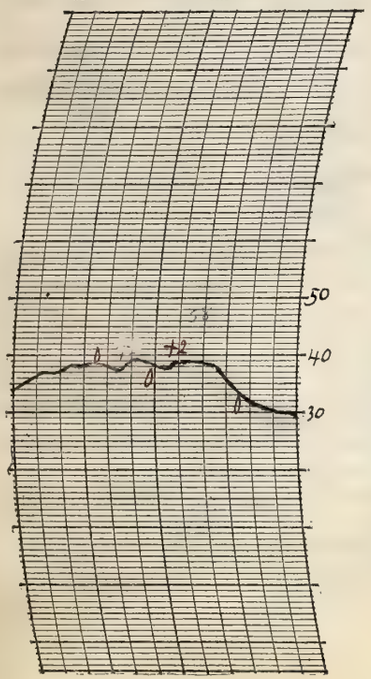
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 86
Prevailing wind direction, NW Total wind, 280
Average hourly velocity, 11.7 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 3:23 a.m.
Reduced barometer, 30.12 7 a. m. 30.38 7 p. m.
River gage, 2.2 feet
Relative humidity, 71 7 a. m. 55 7 p. m.

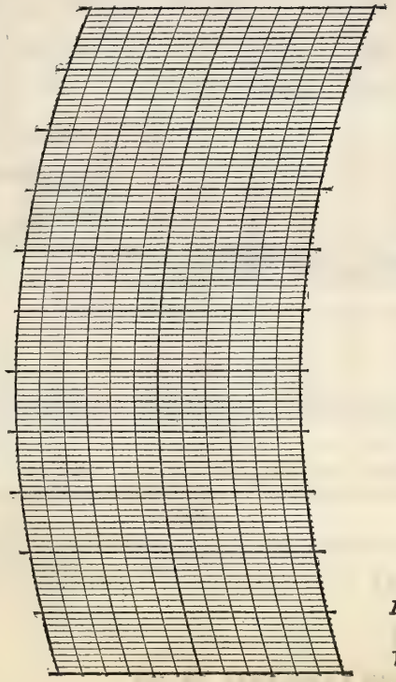
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 32.4
Dew-point, 24 R. humidity, 53 V. pressure, .124
Clouds: Amount, Esu; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

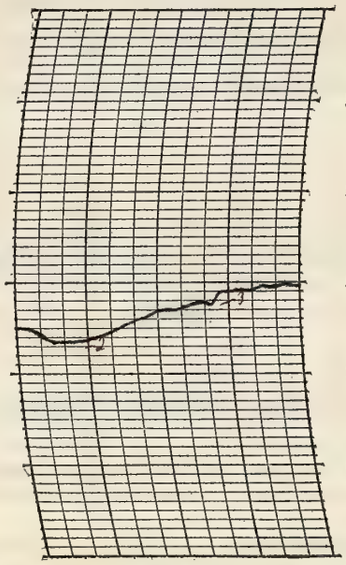
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.C.H.

NOTES

The moon and stars were visible in the evening. During the early morning sleet and rain fell and froze to the sidewalks. It was slippery only in certain locations. When the sun arose the ice soon disappeared and it rapidly became clear. Temperatures remained practically steady until mid-afternoon when they commenced falling.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 8, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	27	26	26	25	24	25	28	33	36	38	41	43	45	46	45	44	42	42	40	34	32	31	32
State of weather: Nature of precipitation and time of beginning and ending																					RB 8:20 RE 8:30 SnRB 8:50	sleet 9:15 RB 9:15		
Amounts of precipitation																								
Cloudiness and other conditions																								

Sunrise: Time, 6:04; Character, Cloudy. Moonrise:

Sunset: Time, 5:40; Character, Cloudy. Moonset:

Sunshine (in tenths of hours): 0.1, 1.0, 1.0, 1.0, 1.0, 1.0, 1.0, 0.5, 0, 0, 0, 0

Wind direction: NE, NE, NE, NE, NE, E, E, E, E, SE, E, E, SE, E, E, E, E, E, E, E, E, E, NE, NE

Wind movement: 4, 4, 4, 4, 4, 5, 7, 7, 6, 8, 8, 7, 7, 9, 9, 7, 7, 7, 10, 11, 13, 12, 11, 12

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	24	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 6.6 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 57

Prevailing wind direction, E Total wind, 183

Average hourly velocity, 7.6 Extreme velocity, 18

Maximum velocity, 17 Direction, NE

Time began, 7:45 p.m.

Reduced barometer, 30.41 7a. m. 30.04 7p. m.

River gage, 3.0 feet

Relative humidity, 78 7a. m. 62 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

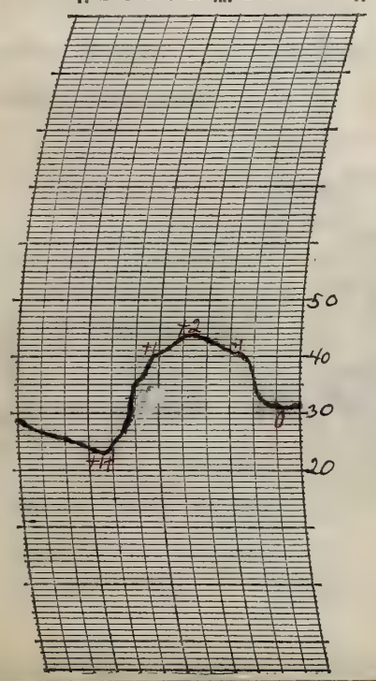
Dry temperature, 40.8 Wet temperature, 33.6

Dew-point, 22 R. humidity, 45 V. pressure, .113

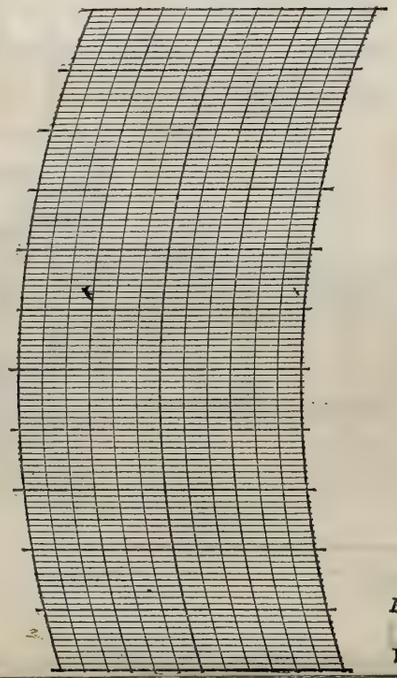
Clouds: Amount, 10; Kind, cirst; Direction, W

Velocity of clouds (miles per hour)

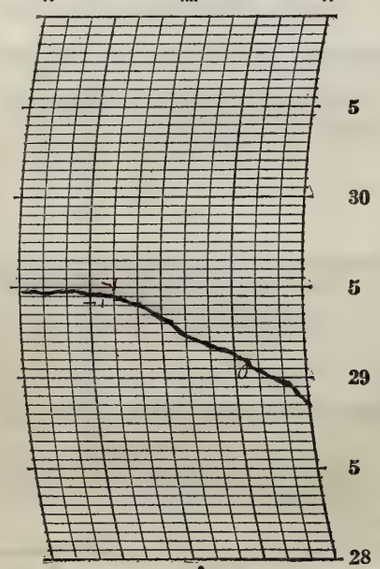
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.H.

Verified by E.L.H.

NOTES

During the morning when the sun arose high clouds covered the sky permitting sunlight to shine shortly after sunrise. The morning was part cloudy to cloudy becoming completely overcast by the later part of the afternoon. Rain commenced falling at 8:20 p.m. turning into a mixture of rain, snow and ice particles for a short time and then continuing to rain throughout the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 9, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	33	33	33	34	34	37	37	37	36	35	34	34	34	33	33	32	31	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending									RE 8:15															
Amounts of precipitation				.16																				
Cloudiness and other conditions																								

Sunrise: Time, 6:02 Character, Cloudy

Moonrise:

Sunset: Time, 5:41 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	NE	NE	NE	N	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	11	12	9	9	7	5	3	3	15	17	18	16	19	19	16	14	17	15	13	13	10	10	5	5

Cloudy

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	30	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .26 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind, 281

Average hourly velocity, 11.7 Extreme velocity, 25

Maximum velocity, 24 Direction, W

Time began, 12:20 p.m.

Reduced barometer, 29.63 7a. m. 30.07 7p. m.

River gage, 3.0 feet.

Relative humidity, 100 7a. m. 85 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

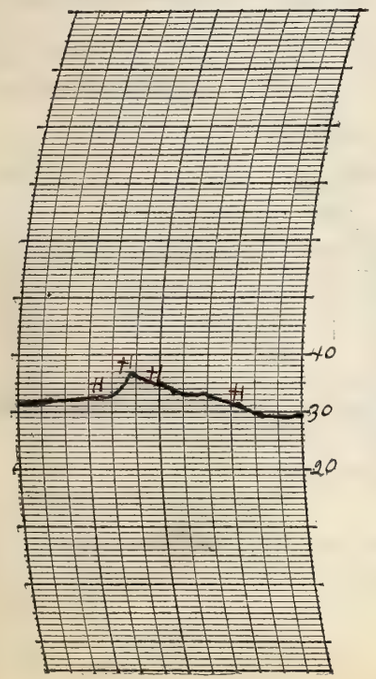
Dry temperature, 35.9 Wet temperature, 34.0

Dew-point, 31 R. humidity, 83 V. pressure, .172

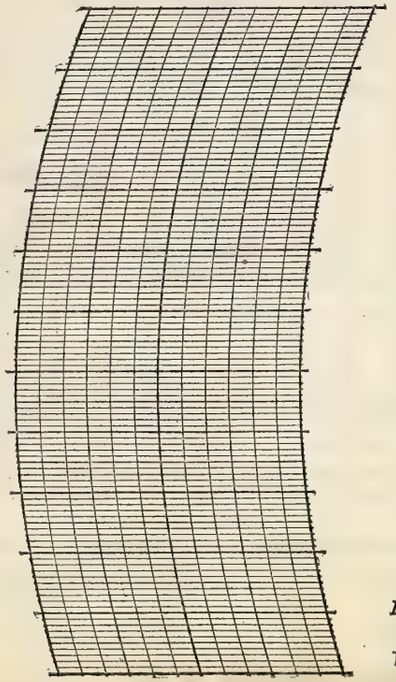
Clouds: Amount, 10; Kind, st cu; Direction, NW

Velocity of clouds (miles per hour)

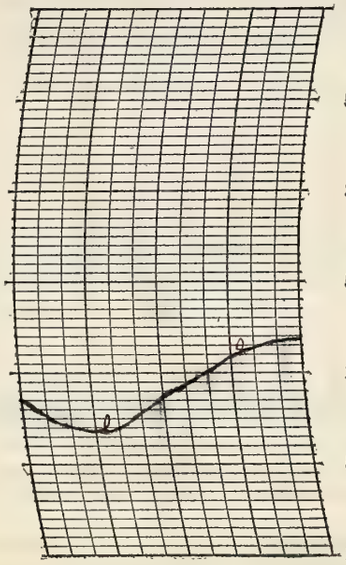
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.H.

Verified by E.L.H.

NOTES

The sky was completely overcast all day. Rain fell in the early morning until 8:15 a.m. There was also a light fog which arose some time before sunrise and ended at 8:30 a.m. Temperatures remained very close together but showed a downward trend soon after 9:00 a.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 10, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	27	26	25	24	25	24	25	26	27	29	30	31	31	31	32	32	32	32	31	31	31	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	N	NW	NE	NE	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE
Wind movement	3	5	7	7	6	7	6	5	6	7	7	6	7	7	5	6	7	5	4	5	4	4	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:01 Character, Cloudy
Moonrise:
Sunset: Time, 5:42 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

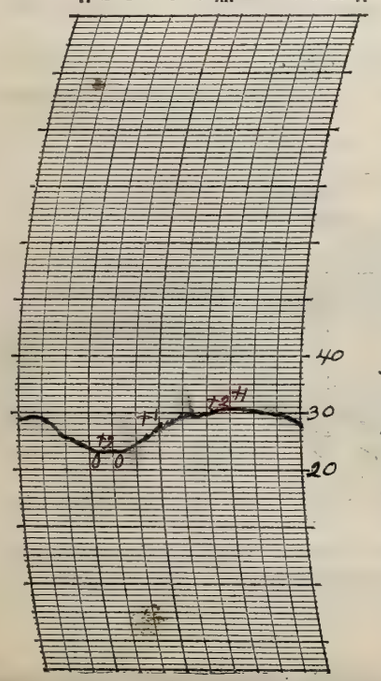
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 134
Average hourly velocity, 5.6 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 1.22 p.m.
Reduced barometer, 30.20 7a. m. 30.04 7p. m.
River gage, 3.4 feet
Relative humidity, 75 7a. m. 77 7p. m.

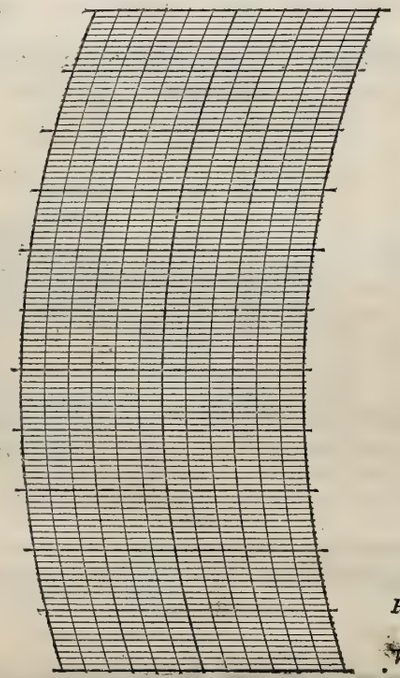
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.8 Wet temperature, 26.7
Dew-point, 23 R. humidity, 77 V. pressure, 118
Clouds: Amount, 10; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

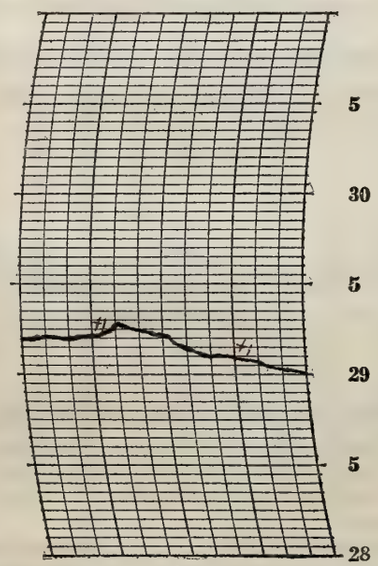
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

The sky was completely overcast all day. It was colder than yesterday with light easterly winds blowing.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 11, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	30	30	30	30	33	36	38	42	48	50	49 RB 2.59	48 RE 3.05	46	45	45	44	42	41	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation															T	T								
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0						
Wind direction	SE	S	S	S	SW	W	NW	E	E	S	S	SW	SW	S	SW	W	W	W	W	W	W	W	SW	SW
Wind movement	9	7	9	8	4	2	3	4	4	6	9	8	7	7	9	6	4	4	4	3	3	4	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:59 Character, Cloudy
Moonrise:

Sunset: Time, 5:43 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

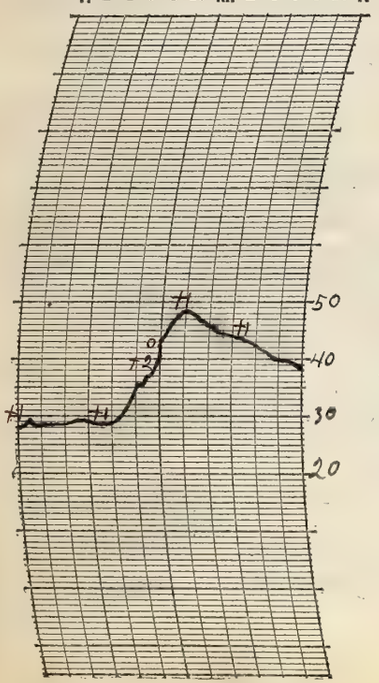
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	29	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 7.3 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind, 132
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 12:40 p.m.
Reduced barometer, 29.88 7a. m. 29.73 7p. m.
River gage, 3.3 feet
Relative humidity, 91 7a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.3 Wet temperature, 38.1
Dew-point, 33 R. humidity, 68 V. pressure, 187
Clouds: Amount, 9; Kind, Ac St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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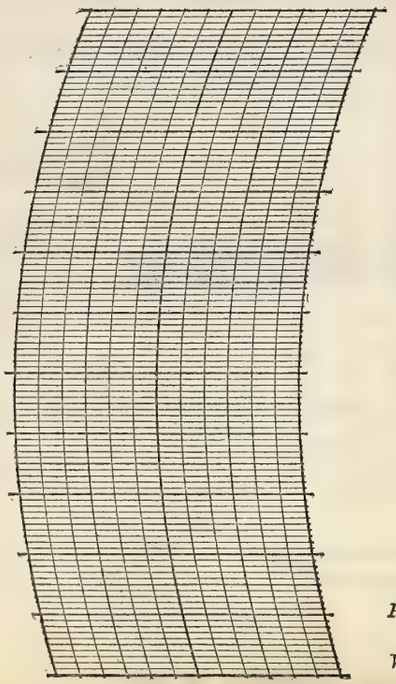
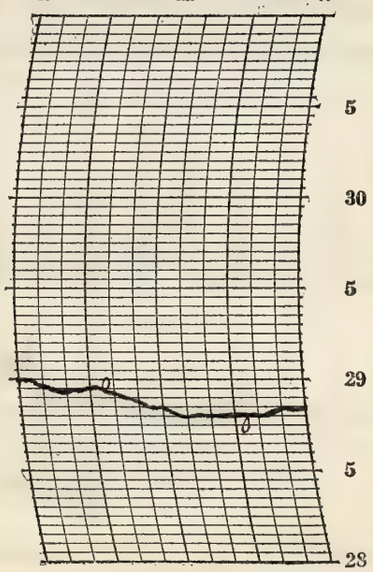


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Throughout the day the sky was covered with clouds through which bright sunlight penetrated. During the morning they were mostly high clouds. Gradually low clouds covered more of the sky and finally became dense enough so that the sunlight did not penetrate. In the early morning, near sunrise, it was noticed that the disk of the moon could be seen through the clouds.

In a few sheltered places some patches of snow were observed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 12, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38 RB DNa	37 RE DNa	36	35	35	34	35	40	49	58	61	64	66	66	65	63	61	60 PB 6:55	58	58 RE 8:36	57	56	56
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation		T																		.04				
Cloudiness and other conditions						? Dense Fog XH			Fog		X Cloudy													
Sunrise: Time, 5:57 Character, Foggy																					Sunset: Time, 5:44 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0						
Wind direction	SW	SW	SW	SW	SW	S	E	SE	SE	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	4	2	3	4	3	3	2	5	5	6	9	12	9	9	7	5	6	8	7	9	9	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

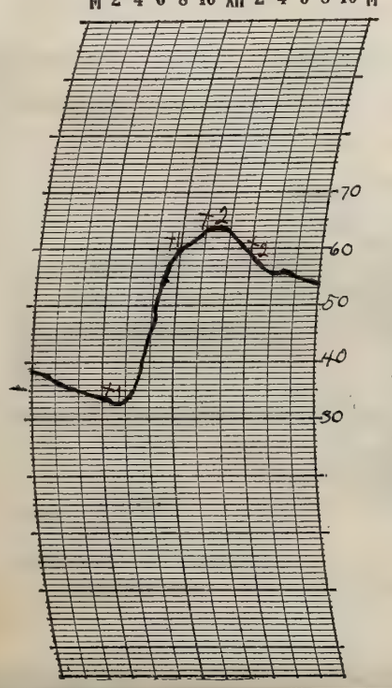
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	34	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.7 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 65
Prevailing wind direction, SE Total wind, 148
Average hourly velocity, 6.2 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 12:55 pm.
Reduced barometer, 29.82 7a. m. 29.74 7p. m.
River gage, 3.2 feet
Relative humidity, 100 7a. m. 70 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.2 Wet temperature, 50.4
Dew-point, 40 R. humidity, 45 V. pressure, .247
Clouds: Amount, 3; Kind, ac; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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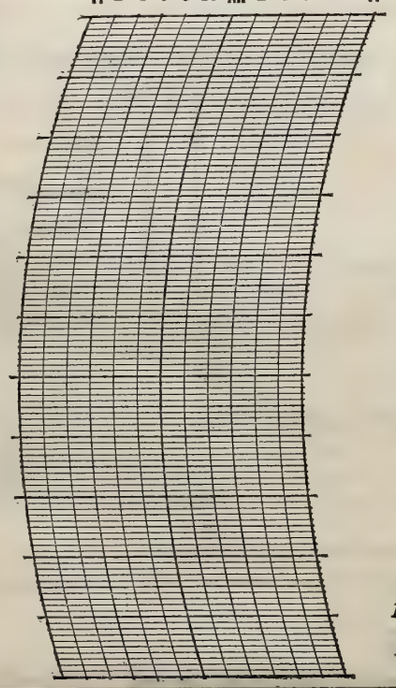
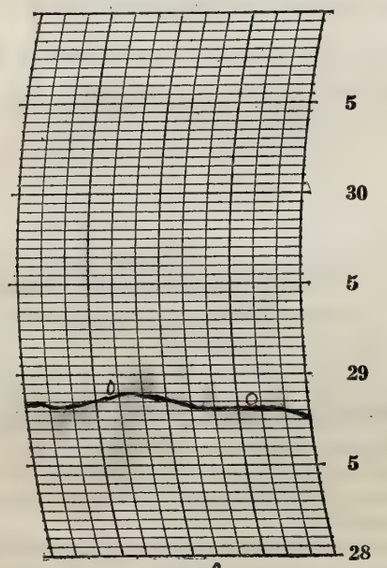


BAROGRAPH.



Prepared by E.J.
Verified by F.L.H.

8—486

NOTES

Dense Fog PDNa - 8:30a, Lt Fog 8:30a - 10:15a
The sunrise was foggy and it remained dense until 8:30a m and disappearing entirely by 10:15 a m. The sky remained overcast throughout the daylight hours with high clouds which the sunshine penetrated very easily. A light rain fell during the early part of the evening

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 13, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	55	55	54	55	54	55	56	52	47	46	44	40	39	38	37	36	36	35	33	32	32
State of weather: Nature of precipitation and time of beginning and ending		RB DNa	RE DNa		RB 4:40	RE 5:25	RB 6:28	RE 7:40		RB 9:07			RE 2:45											
Amounts of precipitation		T			←	.15	→	←	.18	→	←	.02	→											
Cloudiness and other conditions	← Cloudy →																							

Sunrise: Time, 5:56 Character, Cloudy

Moonrise:

Sunset: Time, 5:45 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	S	S	S	S	S	S	SW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	13	13	13	13	9	10	15	16	14	13	11	16	16	16	16	14	15	15	12	13	14	15	14

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.8

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 327

Average hourly velocity, 13.6 Extreme velocity, 22

Maximum velocity, 21 Direction, W

Time began, 10:37 pm

Reduced barometer, 29.62 7 a. m. 29.87 7 p. m.

River gage, 3.8 feet

Relative humidity, 97 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

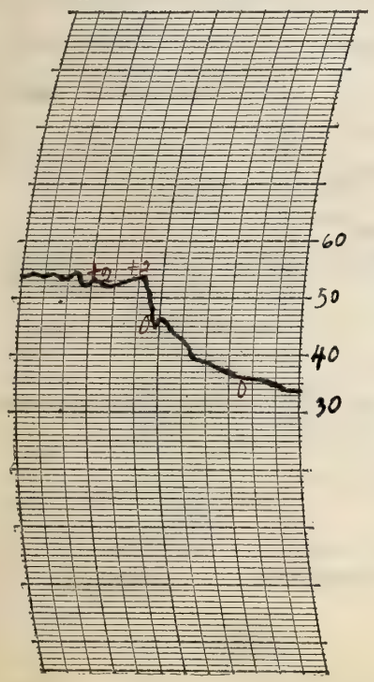
Dry temperature, 46.8 Wet temperature, 46.2

Dew-point, 46 R. humidity, 97 V. pressure, .310

Clouds: Amount, 10; Kind, st cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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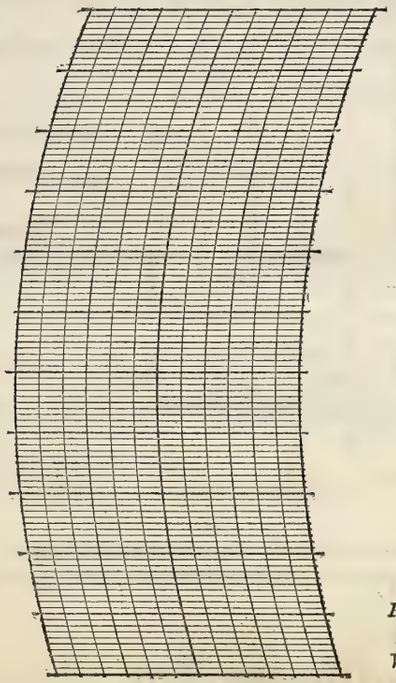
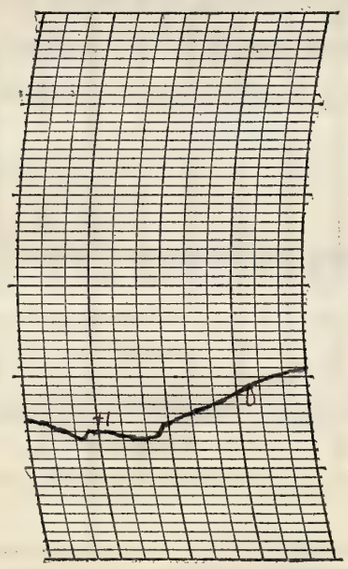


BAROGRAPH.



Prepared by EJS

Verified by E. L. H.

8—456

NOTES

Shortly before sunrise a thunderstorm began at 4:40 a.m. and ended at 5:25 a.m. accompanied by rain. Soon after sunrise there was another shower which ended at 7:40 a.m. A little after 9:00 a.m. a light shower began and ended slightly before 1:00 p.m. The sky remained overcast all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 14, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	33	34	35	35	35	36	35	36	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy				x Pt	
Sunshine (in tenths of hours)						0	0	0	0.2	0	0.6	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	11	10	8	8	8	9	12	13	13	11

Sunrise: Time, 5:54 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	43	43	42	40	39	39	37	36	35	34	33
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy				x Cldy			x Pt Cldy	x Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.3	0						
Wind direction	W	W	W	W	W	W	W	NW	W	W	W	W
Wind movement	13	14	15	15	13	10	7	7	7	7	6	6

Sunset: Time, 5:46 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

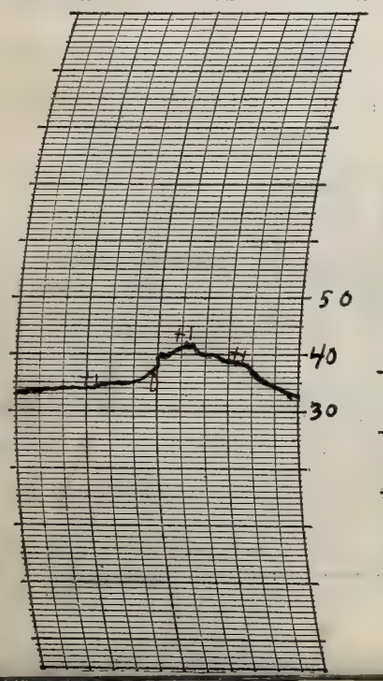
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Last 9:20 a m
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.0 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 50
Prevailing wind direction, W Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 19
Maximum velocity, 17 Direction, W
Time began, 2:25 p.m.
Reduced barometer, 30.06 7 a. m. 30.11 7 p. m.
River gage, 7.9 feet
Relative humidity, 73 7 a. m. 65 7 p. m.

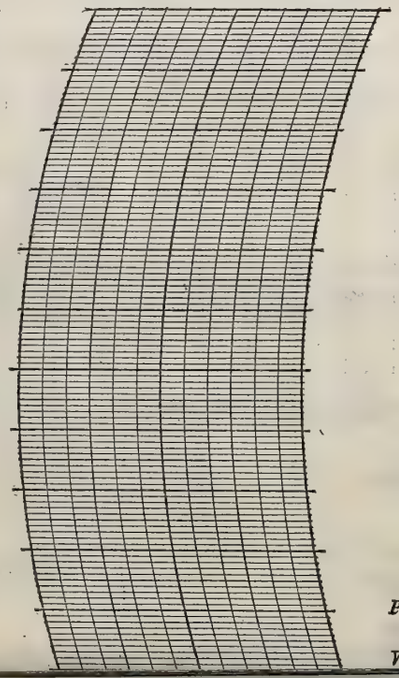
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.4 Wet temperature, 32.6
Dew-point, 25 R. humidity, 60 V. pressure, 130
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

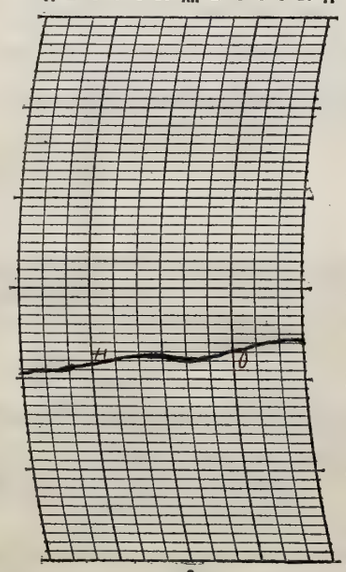
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



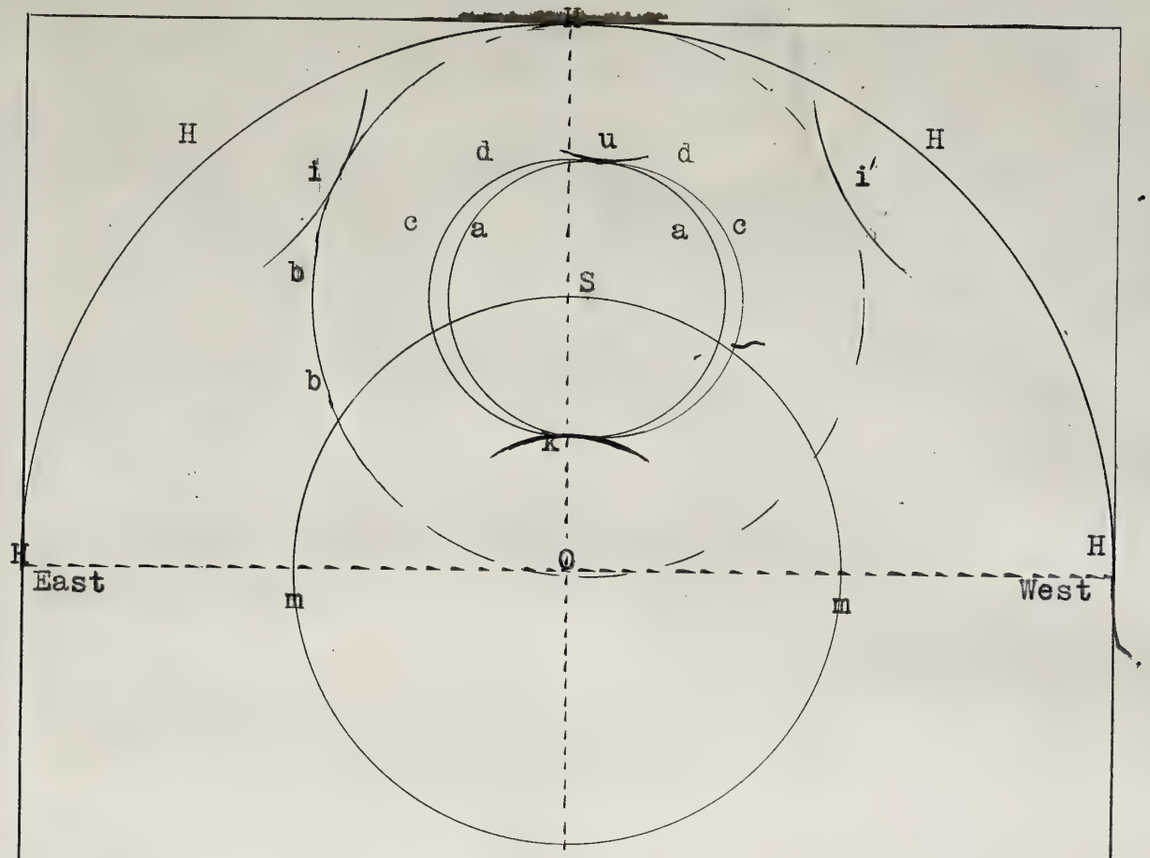
Prepared by E.H.

Verified by E.H.

NOTES

It was cloudy to partly cloudy during most of the day, but in the evening it became clear and the stars were visible. A moderate to light westerly wind prevailed during the day.

Verified by G. D. H.
WEATHER BUREAU
FORT WAYNE, IND.



Optical phenomena observed at Fort Wayne, Ind, March 15, 1928

H Horizon
O Observer
S Sun
c-d Circumscribed halo of
a 22 degree halo
m Parhelic circle

u Upper tangent arc
k Lower tangent arc
i, i' Lateral tangent arcs of the
b 46 degree halo

The attached diagram is a sketch of the optical phenomena observered on March 15, 1928, from 11:45 am to 3:51 pm. The clouds were mostly cirro-stratus during the morning and early afternoon and changing to alto-stratus in the later part of the afternoon. At 11:45 am. a solar halo was first noticed to be forming. Only the extreme upper and lower portions of (a) were visible. Gradually these arcs lengthened until by 12:10 pm. until (a), (c-d), (i'), were visible, and (m) extended for a short distanceto either side of (c-d); (c-d) and (a) could not be distinguished apart. By 12:20 pm. (i) also appeared and (m) was more than half complete. By 12:30 pm. (k) appeared while the middle portion of (a) and (c-d) disappeared. However the middle portion reappeared by 12:45 pm., while (m) was slightly less than half visible; (k) did not appear to be visible. The halo was not so bright as at noon, and by 2:15 pm. (i) had disappeared, (k) was quite bright, and (m) only appeared to extend from S northward to the zenith. By 2:30 pm. (m) was complete while the upper portion of (a) and (c-d) had disappeared. By 2:45 pm. (u) appeared, while only the portion of (m) directly opposite S was visible, however (a) and (c-d) were complete. By 3:15 pm. clouds commenced obscuring the lower portion of (a) and (c-d), while to the east of S almost half of (b) appeared and only a small portion of (m) was visible. At 3:35 pm. dense alto-stratus clouds had obscurred more of halo and (b) was almost invisible while (a) had only the top visible being brightest at (u). At 3:40 pm. only the upper portion of (a) and (u) were visible. By 3:45 pm. it was very faint, becoming extremely faint at 3:49 pm. and being last visible throught the clouds at 3:51 pm.

The colors of (a) and (c-d) were quite brilliant most of the time. (a), (c-d), (i), (i'), and (b) reading from the sun outward were colored red, white, and blue; while (m) was white. (a) and (c-d) were distinctly separate from about 12:15 pm. onward. Near (k) and near (u) the phenomena was the brightest while (i') was much brighter than (i).

DAILY LOCAL RECORD

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 15, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	30	30	29	30	32	35	36	37	39	41	40	39	38	37	36	35	35	33	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<P	Cldy	X	Cloudy	—		X	P Cldy X Cloudy	—		X	P Cldy X		Cloudy						
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0						
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	NE
Wind movement	5	5	5	5	6	5	6	7	9	8	7	7	8	9	8	8	8	6	5	8	7	7	9	14

Sunrise: Time, 5:53; Character, Cloudy. Moonrise: ____

Sunset: Time, 5:47; Character, Cloudy. Moonset: ____

Maximum velocities (exceeding 24 miles) direction and time ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts ____

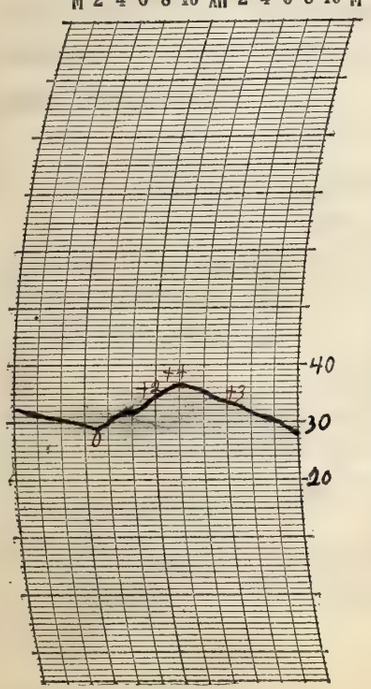
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	29	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 8.7 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 73
Prevailing wind direction, NW Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 11:34 p.m.
Reduced barometer, 30.25 7 a. m. 30.16 7 p. m.
River gage, 7.8 feet
Relative humidity, 81 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 37.1 Wet temperature, 30.8
Dew-point, 20 R. humidity, 47 V. pressure, .103
Clouds: Amount, 10; Kind, cirst; Direction, W
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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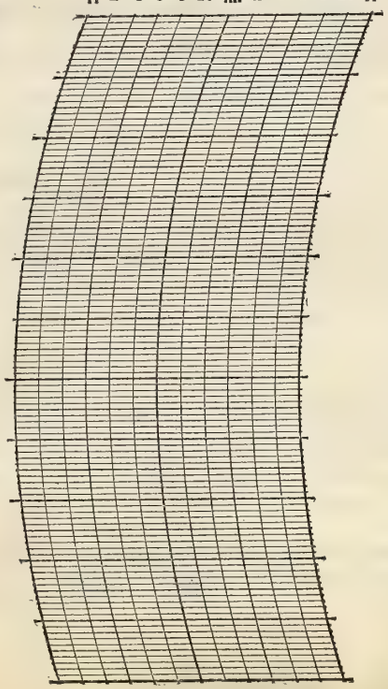
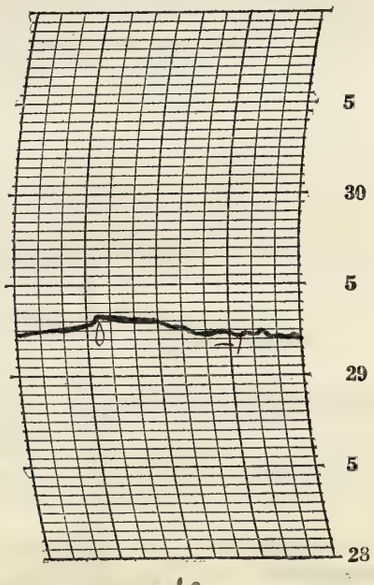


BAROGRAPH.



Prepared by ____

Verified by E. L. H.

8—486

NOTES

There was a very heavy frost in the morning. Temperatures were slightly under normal and cooler than yesterday. Light to gentle westerly winds shifting to north east blew during the day. During most of the morning and part of the afternoon high clouds prevailed and the sunshine through. Lower clouds overcast the sky shortly after mid-afternoon and it continued cloudy into the evening.

The river fell slightly.

A solar halo was observed from 11:45 a.m. to 3:51 p.m. There were a circumscribed halo of 22°, a parhelic circle, 22° upper and lower tangent arcs, 46° halo, and the lateral tangent arcs of the 46° halo.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 16, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	27	26	26	26	26	27	27	28	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Cloudy
Sunrise: Time, 5:51 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	13	13	14	14	14	12	13	14	14	15	13

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	31	31	31	31	31	31	30	29	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy							Pt. Cldy	Clear			
Sunset: Time, 5:48 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	N	N	N	N	N	N	N	N	N	N
Wind movement	13	12	10	10	9	7	6	6	6	7	5	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

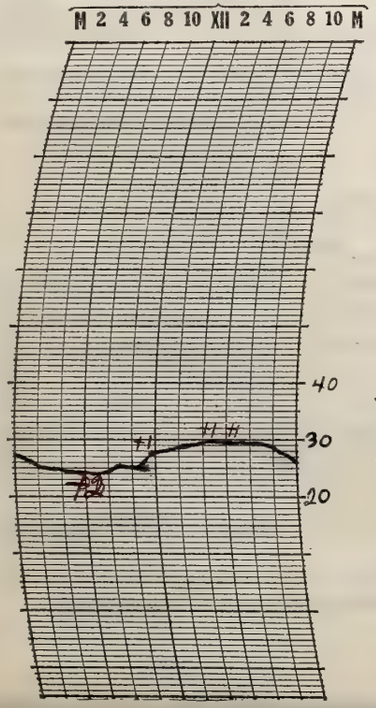
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	26	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 254
Average hourly velocity, 10.6 Extreme velocity, 23
Maximum velocity, 19 Direction, NE
Time began, 9:52 a m
Reduced barometer, 30.07 7 a. m. 30.05 7 p. m.
River gage, 6.8 feet
Relative humidity, 82 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 26.2
Dew-point, 20 R. humidity, 67 V. pressure, .103
Clouds: Amount, 10; Kind, st cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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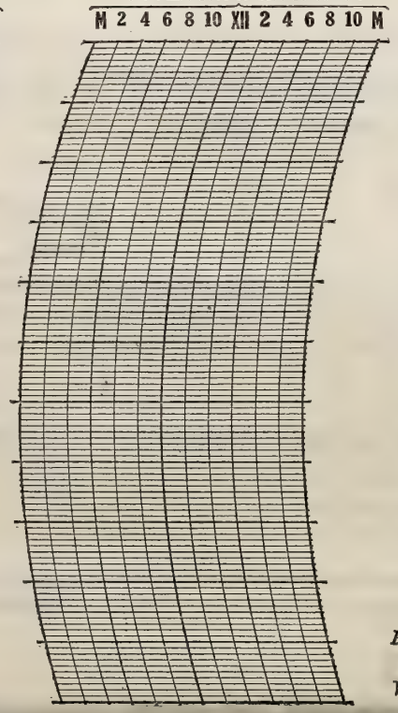
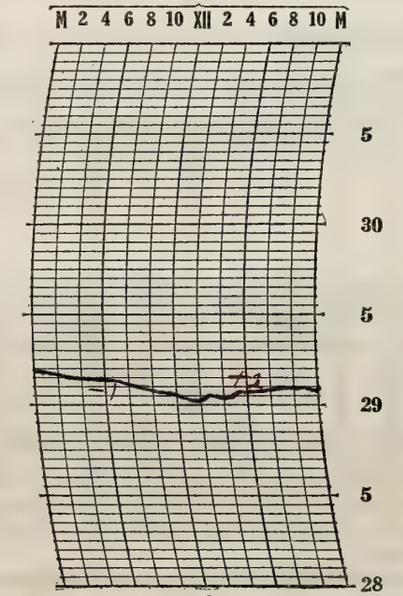


BAROGRAPH.



Prepared by EJ.

Verified by E. L. H.

8—486

NOTES

It was cloudy all day becoming clear in the late evening. The stars were visible. Temperatures have fallen from yesterday's but remained practically the same during the day. A moderate northeasterly wind blew during the morning and became a gentle to light northerly wind in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 17, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	25	25	24	24	25	25	26	27	28
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			× Pt. Cdy.				
Sunshine (in tenths of hours)						.18 0	0.8 0.2	0.1	0	0	0.3	1.0
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	3	3	5	6	7	9	8	8	9	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	30	30	31	32	31	31	31	30	30	30
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				× Pt. Cdy. × Clear			
Sunshine (in tenths of hours)	1.0	0.1	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	10	8	10	9	9	7	7	7	9	8	7	9

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 5:49 Character, Clear

Moonrise:

Sunset: Time, 5:50 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	24	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.7 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 31

Prevailing wind direction, NE Total wind, 176

Average hourly velocity, 7.3 Extreme velocity, 12

Maximum velocity, 12 Direction, N

Time began, 11:50 p.m.

Reduced barometer, 30.05 7 a. m. 29.96 7 p. m.

River gage, 6.2 feet

Relative humidity, 85 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

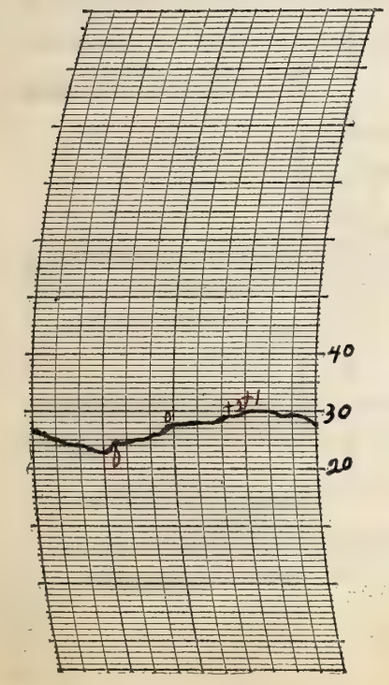
Dry temperature, 28.2 Wet temperature, 25.4

Dew-point, 20 R. humidity, 68 V. pressure, .103

Clouds: Amount, 3 6; Kind, Strat cus; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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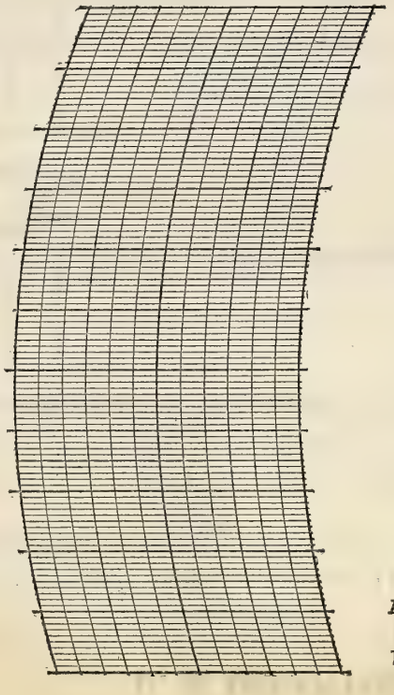
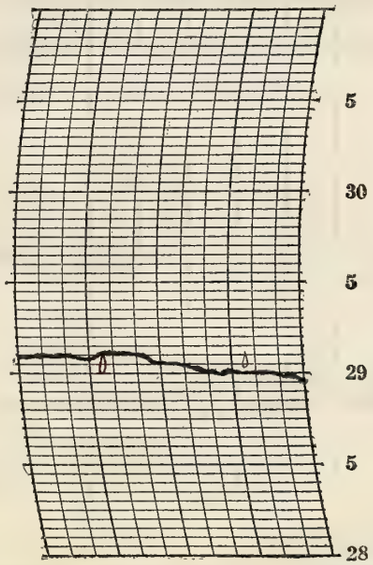


BAROGRAPH.



Prepared by E.J.

Verified by E.C.H.

8—486

NOTES

There was a heavy frost in the morning. It was a cloudy day clearing at night. A very pleasant night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 18, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	27	26	25	25	25	27	29	31	33	34	35	35	35	33	32	32	31	31	30	29	27	27
State of weather: Nature of precipitation and time of beginning and ending																	SD B 4:03 SD E 4:15	SD B 5:20			SD E 8:40			
Amounts of precipitation																		T			T			
Cloudiness and other conditions	Clear						Pt. Cloudy						X Cloudy								Pt. Cloudy			
Sunshine (in tenths of hours)						.20 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	NW	NW	W
Wind movement	9	7	6	8	9	8	9	9	11	11	11	12	11	13	14	14	13	10	10	9	11	12	8	8

Sunrise: Time, 5:48 Character, Clear
Moonrise:
Sunset: Time, 5:51 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

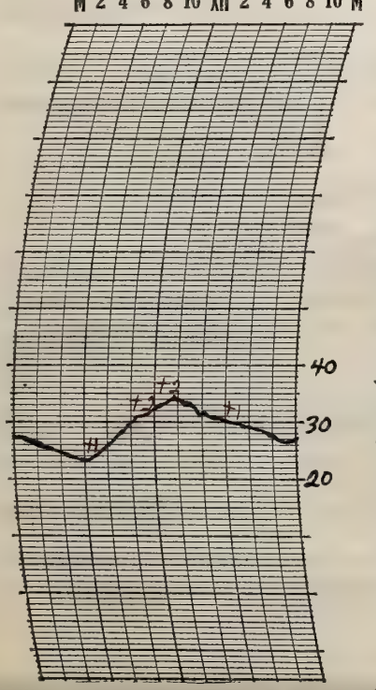
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	25	31	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.6 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 72
Prevailing wind direction, N & NW Total wind, 243
Average hourly velocity, 10.1 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 2:39 pm
Reduced barometer, 27.91 7 a. m. 27.94 7 p. m.
River gage, 5.6 feet
Relative humidity, 71 7 a. m. 74 7 p. m.

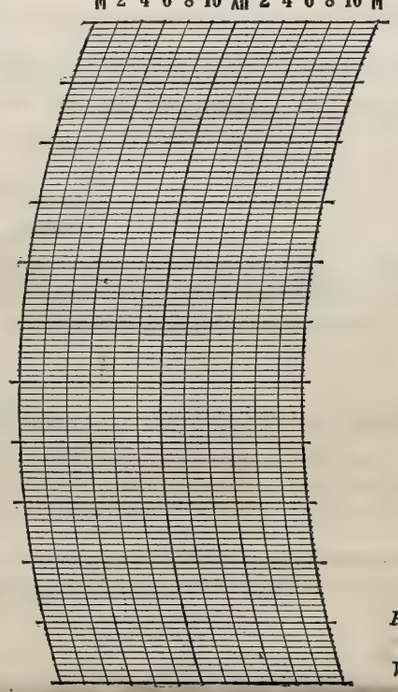
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.2 Wet temperature, 31.7
Dew-point, 28 R. humidity, 77 V. pressure, .150
Clouds: Amount, 5; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

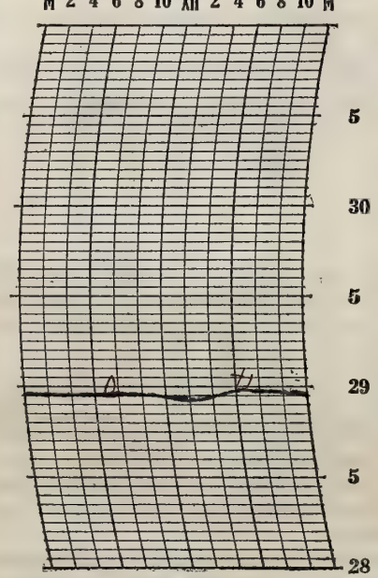
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ.

Verified by E.L.M.

NOTES

The upper clouds observed at the morning observation were followed by lower clouds by 9:00 a.m. The day was partly cloudy and continued cold but it felt pleasant. The sky became completely overcast by 3:00 p.m. and soon light snow flurries commenced falling, and again commencing near sunset and continuing until mid-evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 19, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	27	28	29	30	31	33	35	36	37
Nature of precipitation and time of beginning and ending										SD B 9:15 SD E 9:21		SD B 11:59
Amounts of precipitation										T		T
Cloudiness and other conditions					← Cloudy						Pt. Cldy	× Cldy ×
Sunshine (in tenths of hours)						0	0	0.2	0.7	0.4	1.0	1.0
Wind direction	W	W	W	W	SW	SW	SW	W	W	NW	NW	W
Wind movement	8	7	7	6	6	7	8	12	14	12	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	40	40	39	38	37	35	35	34	33	33
Nature of precipitation and time of beginning and ending	SD E 12:05		SD B 2:07 SD E 2:40	SD B 3:20 SD E 3:30								
Amounts of precipitation	T		T	T								
Cloudiness and other conditions	× Cldy ×		× Cldy ×		× Part-Cloudy →							
Sunshine (in tenths of hours)	1.0	0.6	0.2	0.3	0	0						
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	W	NW	W
Wind movement	14	13	13	16	14	11	7	6	5	6	4	5

Maximum velocities (exceeding 24 miles) direction and time

State of weather.

Sunrise: Time, 5:46 Character, Cloudy

Moonrise:

Sunset: Time, 5:52 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	26	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.4 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 44.5

Prevailing wind direction, W Total wind, 225

Average hourly velocity, 9.4 Extreme velocity, 19

Maximum velocity, 19 Direction, W

Time began, 3:17 p.m.

Reduced barometer, 29.91 7 a. m. 29.90 7 p. m.

River gage, 4.8 feet

Relative humidity, 77 7 a. m. 59 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

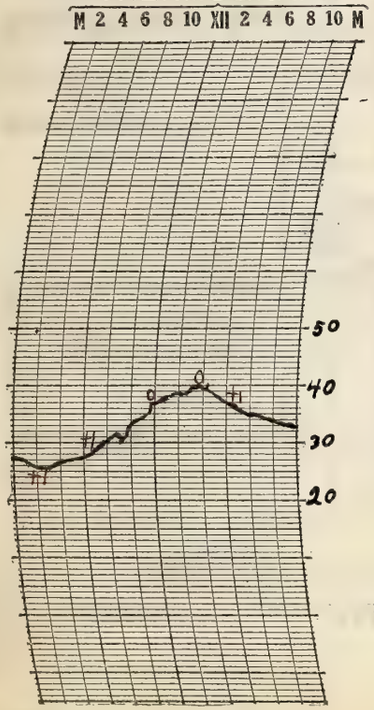
Dry temperature, 36.9 Wet temperature, 30.9

Dew-point, 21 R. humidity, 49 V. pressure, .108

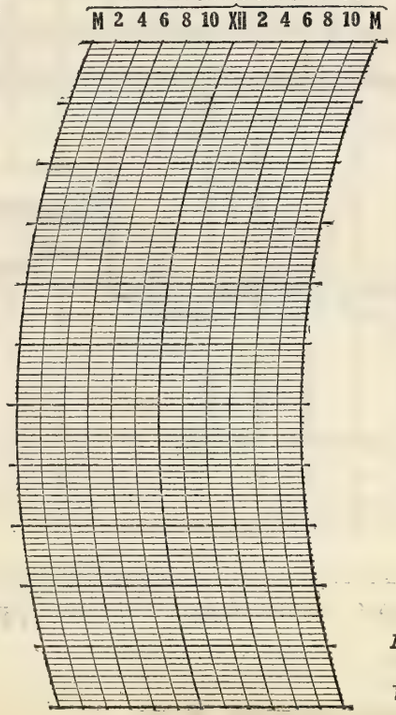
Clouds: Amount, 2; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

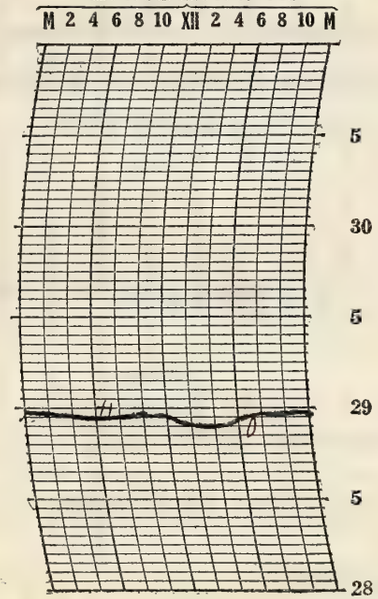
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

8—486

NOTES

There were a number of snowflurries during the forenoon and afternoon with a moderate to light westerly wind prevailing. Temperatures continued to remain below the seasonal average.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 20, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	31	30	31	34	35	39	41	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy				× Cloudy			
Sunshine (in tenths of hours)						0	0	0.9	0.5	0.8	1.0	0.3
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	3	3	2	3	2	2	3	4	4	5	8	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	43	43	42	40	37	36	34	33	33	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt Cldy		× Cldy		Pt Cldy ×			Clear				→
Sunshine (in tenths of hours)	0.8	1.0	0.3	0.2	0.9	0.68 0.2						
Wind direction	W	W	W	W	VW	NW	NW	NW	NW	W	W	W
Wind movement	10	13	11	10	12	10	9	8	7	6	6	6

State of weather.

Sunrise: Time, 5:44 Character, Cloudy
Moonrise:

Sunset: Time, 5:53 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

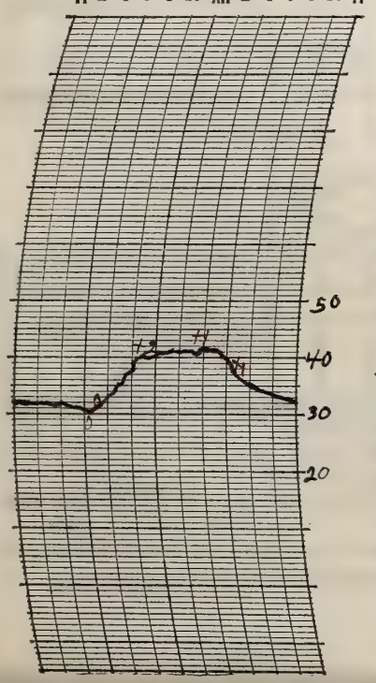
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.6 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind, 155
Average hourly velocity, 6.5 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 2:17 p.m.
Reduced barometer, 29.96 7 a. m. 30.02 7 p. m.
River gage, 4.0 feet
Relative humidity, 75 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 41.6 Wet temperature, 34.8
Dew-point, 25 R. humidity, 49 V. pressure, .130
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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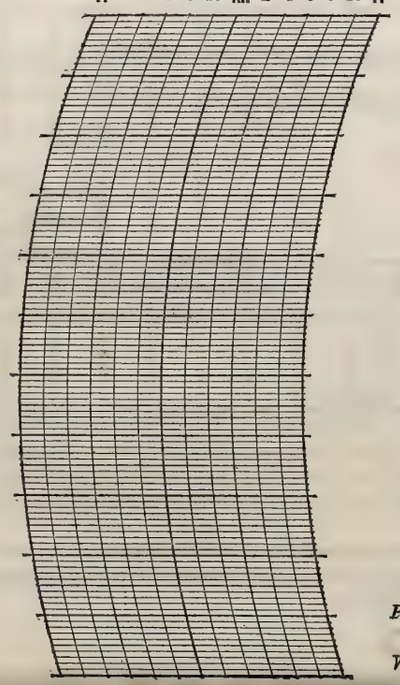
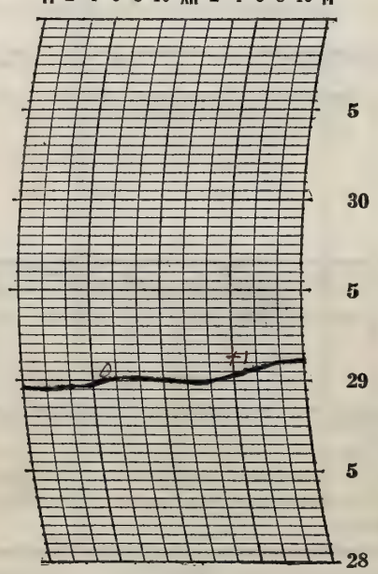


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

It was cloudy to partly cloudy during the morning and part of the afternoon. It cleared shortly before sunset and the stars were observed in the evening. It was slightly warmer than yesterday with a gentle to light westerly wind prevailing.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 21, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	30	29	32	36	41	43	46	47	49	51	52	52	51	50	47	46	45	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear						× Pt. Cloudy	×	Clear					→
Sunrise: Time, 5:43 Character, Clear																					Sunset: Time, 5:54 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.26 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0.90 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	5	7	6	7	7	8	9	11	12	12	11	10	11	12	10	8	10	11	10	13	13	15	15
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	29	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, New m

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.2 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 92

Prevailing wind direction, W Total wind, 240

Average hourly velocity, 10.0 Extreme velocity, 18

Maximum velocity, 18 Direction, SW

Time began, 11:54 pm

Reduced barometer, 30.13 7a. m. 30.02 7p. m.

River gage, 3.4 feet

Relative humidity, 74 7a. m. 57 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

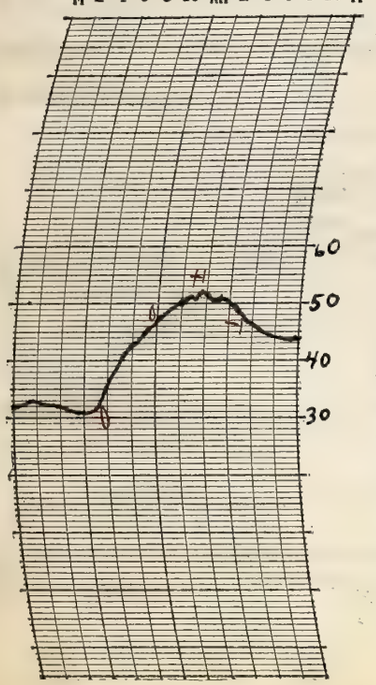
Dry temperature, 46.7 Wet temperature, 38.0

Dew-point, 25 R. humidity, 42 V. pressure, .130

Clouds: Amount, 3; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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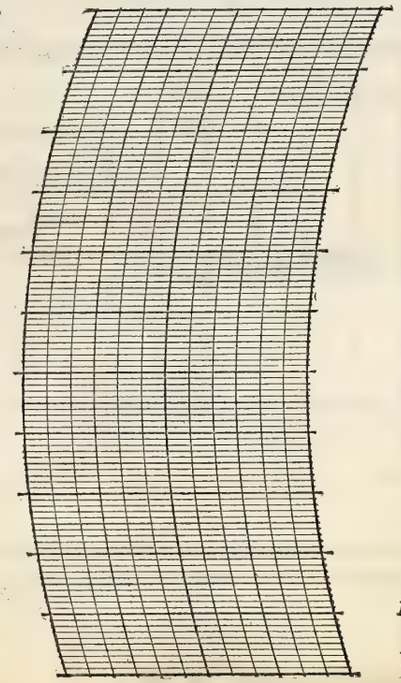
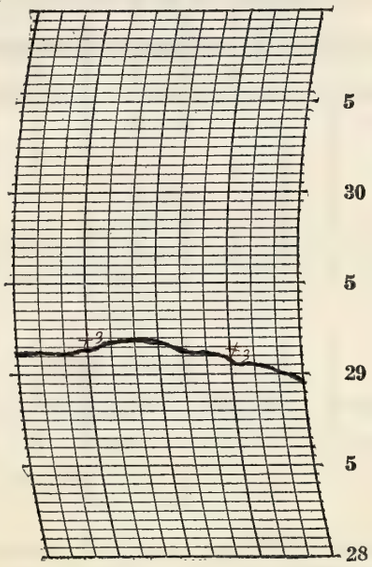


BAROGRAPH.



Prepared by EJB

Verified by E. L. H.

8—486

NOTES

Temperatures have risen to close to the normal. It was clear most of the day with a moderate to light westerly wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 22, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	41	42	43	46	51	51	51	55	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cldy			x PM Cldy			x	
Sunshine (in tenths of hours)						0.32 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW
Wind movement	15	17	19	14	14	11	10	14	16	17	18	17
Excessive precipitation, accumulated amounts												

Sunrise: Time, 5:41 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	59	57	54	50	48	46	44	42	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.42 0.5						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	20	20	19	~~22~~ 19	16	12	9	6	7	4	4	4
Excessive precipitation, accumulated amounts												

Sunset: Time, 5:55 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

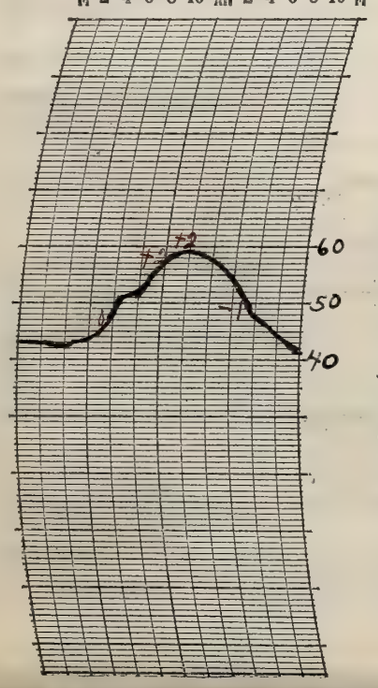
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	41	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 322
Average hourly velocity, 13.4 Extreme velocity, 27
Maximum velocity, 24 Direction, NW
Time began, 2:47 p.m.
Reduced barometer, 29.72 7 a. m. 29.93 7 p. m.
River gage, 3.2 feet
Relative humidity, 72 7 a. m. 67 7 p. m.

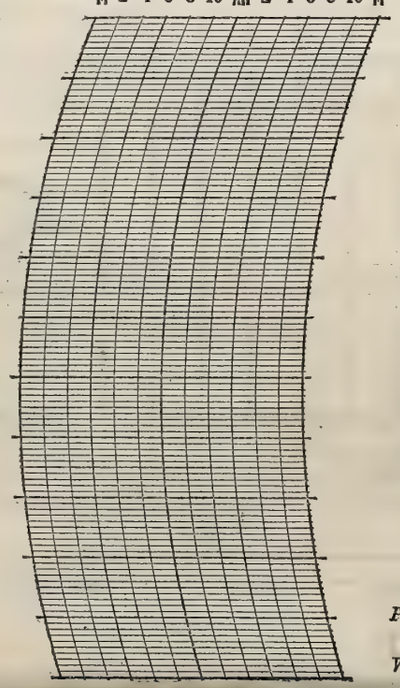
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 58.8 Wet temperature, 49.3
Dew-point, 40 R. humidity, 50 V. pressure, .247
Clouds: Amount, Fair; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

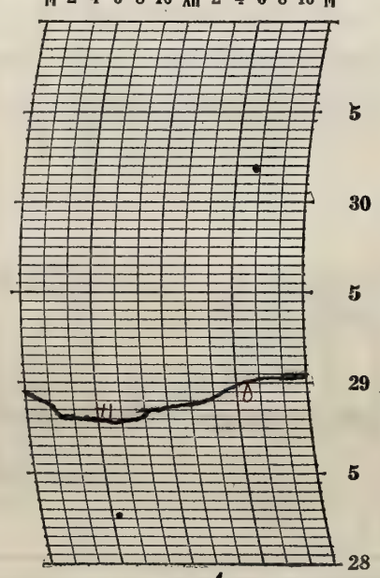
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.

Verified by E.L.H.

NOTES

High clouds covered part of the sky during the early morning.

Anemometer cleaned.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 23, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	38	36	36	35	41	43	48	51	57	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							0					
Sunshine (in tenths of hours)						0.35 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	E	E	E	SE	S	S	S	S	S
Wind movement	3	3	3	3	2	4	3	8	8	9	7	7

Sunrise: Time, 5:39 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	68	70	70	70	68	67	64	62	59	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.83 0.1						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	8	10	12	12	12	9	8	10	11	10	9	10

Sunset: Time, 5:56 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	35	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.3

Per cent of possible sunshine, 100

Prevailing wind direction, S Total wind, 181

Average hourly velocity, 7.5 Extreme velocity, 15

Maximum velocity, 15 Direction, S

Time began, 2:50 p.m.

Reduced barometer, 30.03 7 a. m. 29.79 7 p. m.

River gage, 3.0 feet

Relative humidity, 84 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

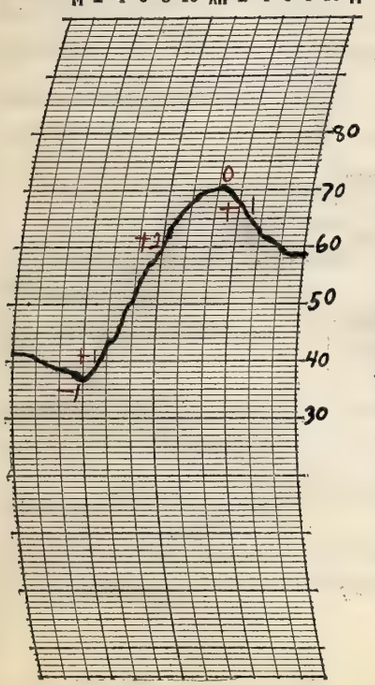
Dry temperature, 62.4 Wet temperature, 50.2

Dew-point, 38 R. humidity, 41 V. pressure, 228

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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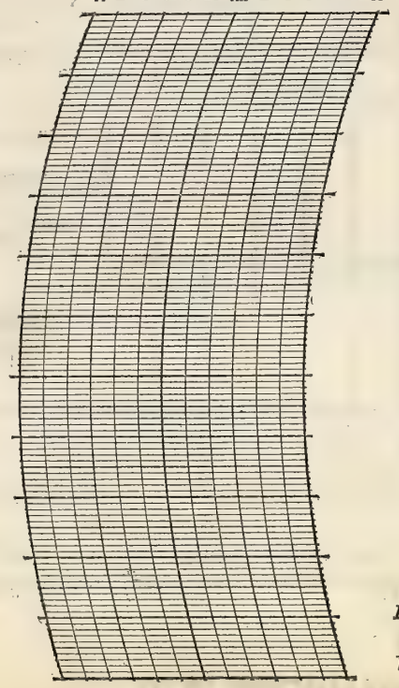
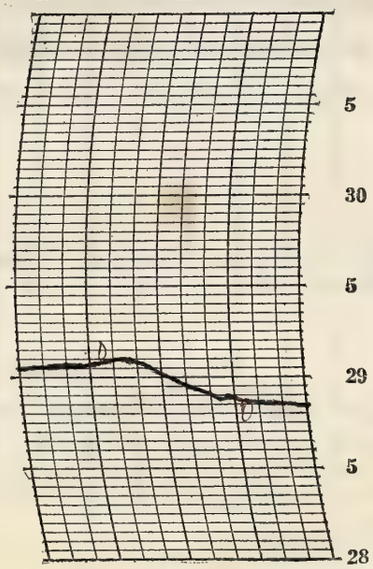


BAROGRAPH.



Prepared by E.S.

Verified by E. L. H.

8—486

NOTES

A heavy frost occurred in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 24, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	56	53	52	52	53	57	63	63	66	68	69	69	65	63	61	59	58	57	55	54	54	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Cloudy					×		Pt Cldy							→
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	9	9	10	11	10	11	12	14	15	12	14	17	20	23	16	16	9	8	9	8	9	10
Maximum velocities (exceeding 24 miles) direction and time															27 SW 2:25	29 SW 3:40								

Sunrise: Time, 5:38 Character, Cloudy

Moonrise:

Sunset: Time, 5:57 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	52	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.3

Per cent of possible sunshine, 75

Prevailing wind direction, SW Total wind, 291

Average hourly velocity, 12.1 Extreme velocity, 30

Maximum velocity, 29 Direction, SW

Time began, 3:40 p.m.

Reduced barometer, 29.72 7 a. m. 29.66 7 p. m.

River gage, 3.1 feet

Relative humidity, 72 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

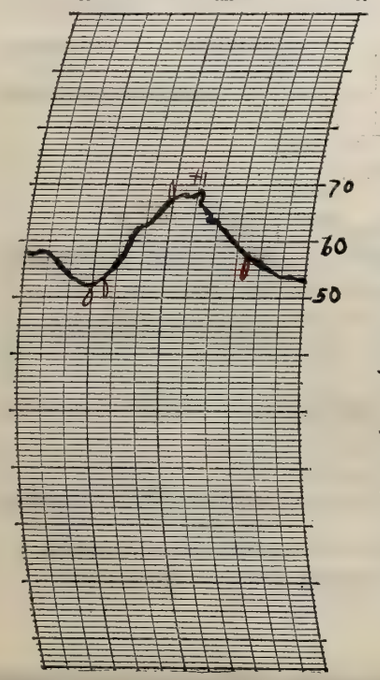
Dry temperature, 67.8 Wet temperature, 36.8

Dew-point, 49 R. humidity, 51 V. pressure, 347

Clouds: Amount, 10; Kind, cst; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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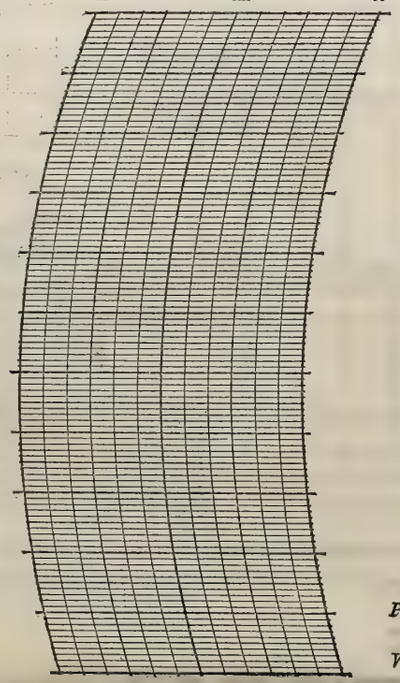
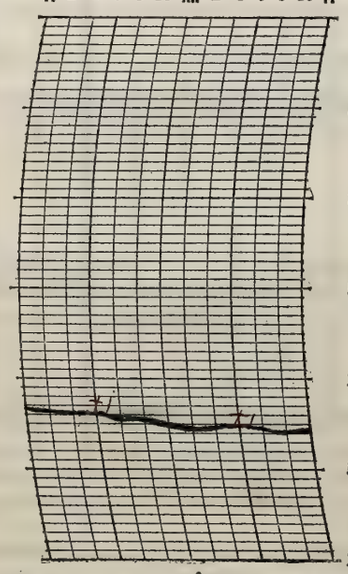


BAROGRAPH.



Prepared by C.H.

Verified by E.J.H

NOTES

High clouds occurred in the morning becoming lower clouds during the afternoon.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) March 25, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	50	50	50	52	54	56	57	60	61	66	62 RB 1:50	57	59 RE 3:40	58	58	57	57	56	55	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation														T	.11	.13								
Cloudiness and other conditions					←					Cloudy							×	Part	Cloudy		→			
Sunrise: Time, 5:36 Character, Cloudy																					Sunset: Time, 5:58 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.6	0.8	0.2	0	0	0.6	0						
Wind direction	SW	SW	SW	SW	S	S	S	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	SE	S	S
Wind movement	10	10	8	6	6	8	7	9	8	8	11	11	10	11	6	7	8	8	5	6	6	7	7	9
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

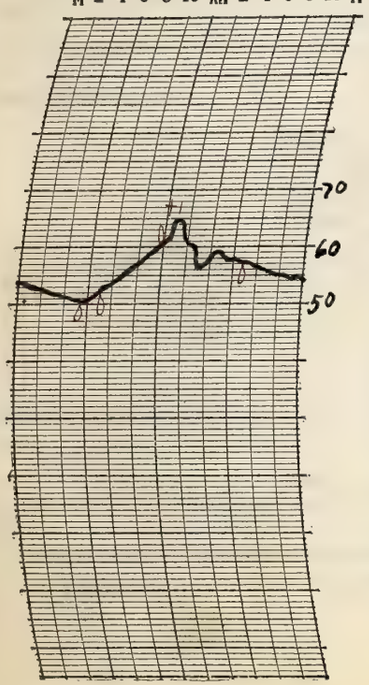
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 19
Prevailing wind direction, S Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 1:43 p.m.
Reduced barometer, 29.62 7 a. m. 29.53 7 p. m.
River gage, 3.2 feet
Relative humidity, 98 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.9 Wet temperature, 57.7
Dew-point, 56 R. humidity, 83 V. pressure, .448
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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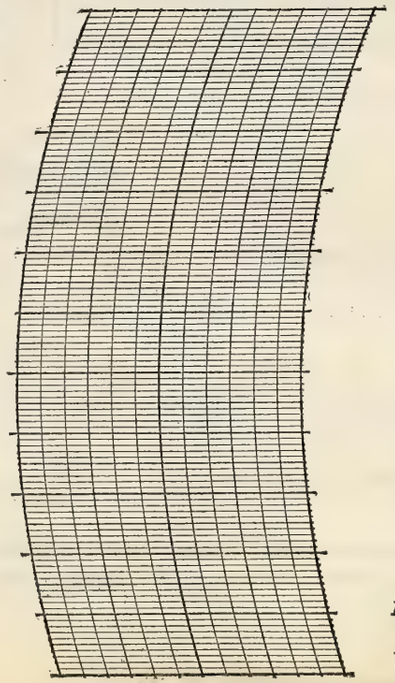
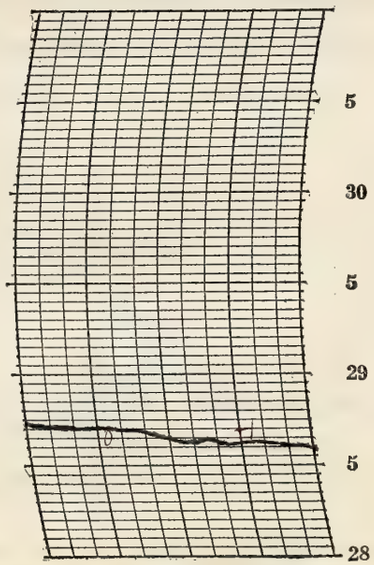


BAROGRAPH.



Prepared by [illegible]

Verified by E. J. H.

8—486

NOTES

During the afternoon a thunder storm was first heard at 2:47 p.m. and ended at 3:40 p. It was cloudy during the earlier part of the day becoming part cloudy towards evening. The moon was visible and a brilliant corona was observed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) March 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	56	56	56	57	58	60	62	65	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←						Cloudy	
Sunshine (in tenths of hours)						0	0	0	0.2	0.2	1.0	0.3
Wind direction	SW	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	7	8	8	9	8	10	12	15	16	14	20	18
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	55	56	63	38	32	31	28	27	26	25	25
Nature of precipitation and time of beginning and ending	RB 12:03 RE 12:35 RB 12:50	RE 1:25 R+HB 1:35 R+HE 1:50 RB 1:55 p	RE 2:05						SDB 8:10	SDE 9:20		
Amounts of precipitation	.02	.14	T						T	T		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0.6	0.9	0	0						
Wind direction	SW	SW	S	S	W	W	W	W	W	W	NW	NW
Wind movement	15	13	11	15	23	28	29	28	26	21	21	18
Maximum velocities (exceeding 24 miles) direction and time					28 SW 4:26	35 W 5:42	33 W 6:42	34 W 7:02	30 W 8:08	27 W 9:20	25 NW 10:01	

Sunrise: Time, 5:34 Character, Cloudy
Moonrise:
Sunset: Time, 5:59 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

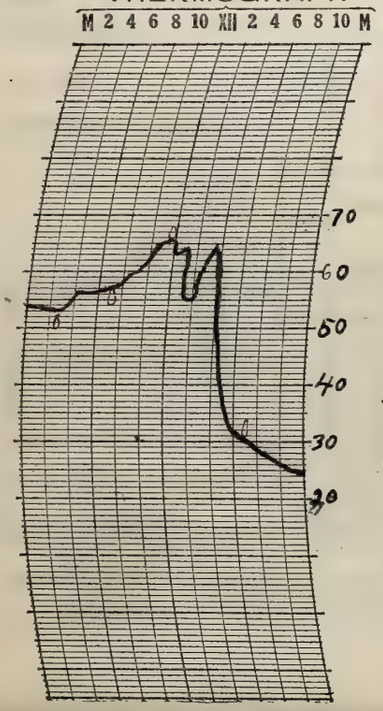
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	25	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.3 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 27
Prevailing wind direction, S Total wind, 393
Average hourly velocity, 16.4 Extreme velocity, 37
Maximum velocity, 35 Direction, W
Time began, 5:42 p.m.
Reduced barometer, 29.42 7 a. m. 29.38 7 p. m.
River gage, 3.5 feet
Relative humidity, 97 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.9 Wet temperature, 60.3
Dew-point, 52 R. humidity, 73 V. pressure, 46.5
Clouds: Amount, 10; Kind, Stu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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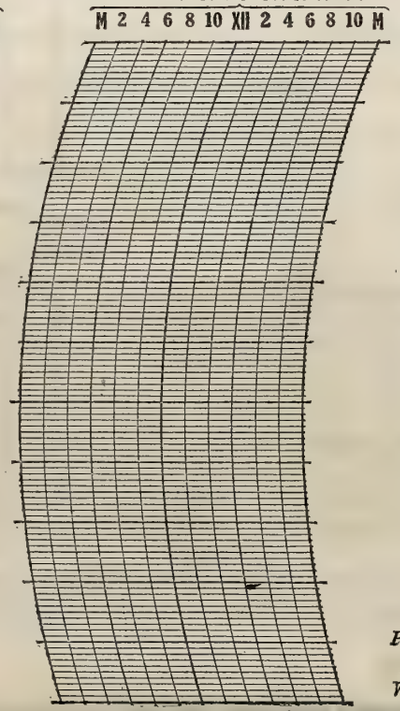
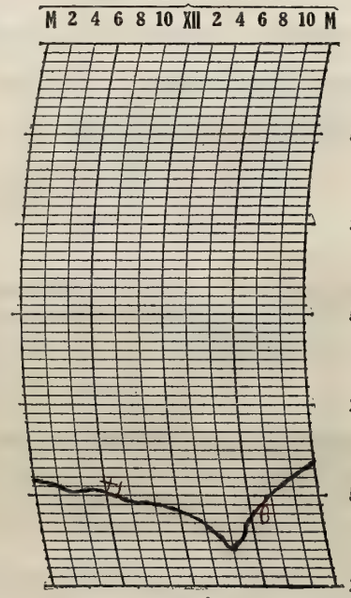


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H

NOTES

It was cloudy most of the day. During the evening the moon was visible although clouds scurried across its face. Stars were also observed at times. Rain fell during most of the earlier part of the afternoon. Some hail also fell and thunder was heard at 12:25 p and 1:25 p. Snow fell in the evening around 9:00 pm

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) March 27, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	26	26	25	25	26	27	30	30	32
Nature of precipitation and time of beginning and ending	RB DNa		RE DNa									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions	← Cloudy ×				Pt. Cldy ×		— Clear —					Pt. Cloudy ×
Sunshine (in tenths of hours)						0.45 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	19	16	16	13	15	15	14	18	15	15	16	13
Maximum velocities (exceeding 24 miles) direction and time	26 NW 12:17											

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	36	36	34	32	31	29	28	26	26	25
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt. Cloudy ×					— Clear —						→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8 0.2						
Wind direction	W	W	W	W	W	W	NW	NW	NW	W	W	W
Wind movement	12	13	13	13	13	10	7	8	7	6	5	5
Maximum velocities (exceeding 24 miles) direction and time	~~26 NW 12:17~~											

Sunrise: Time, 5:33 Character, Clear

Moonrise: ____ ____

Sunset: Time, 6:00 Character, Clear

Moonset: ____ ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	24	30	

Total depth of snow for 24 hours ending ?? p. m., T inches.

Snow, sleet, and hail on ground ?? p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to ?? a. m., T ins.; to ?? p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind, 297

Average hourly velocity, 12.4 Extreme velocity, 28

Maximum velocity, 26 Direction, NW

Time began, 12:17 a.m.

Reduced barometer, 29.91 ?a. m. 29.96 ?p. m.

River gage, 3.6 feet

Relative humidity, 69 ?a. m. 54 ?p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

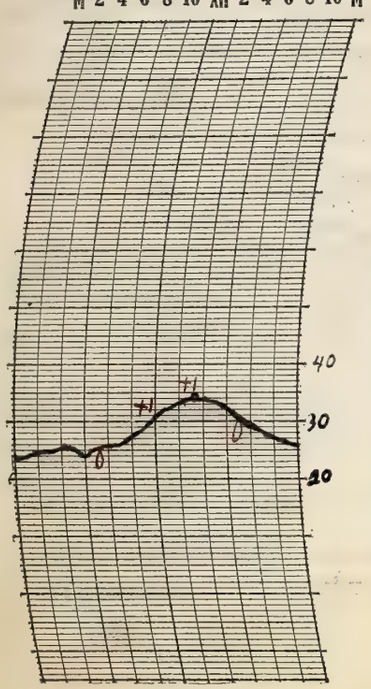
Dry temperature, 31.7 Wet temperature, 27.2

Dew-point, 19 R. humidity, 54 V. pressure, 0.98

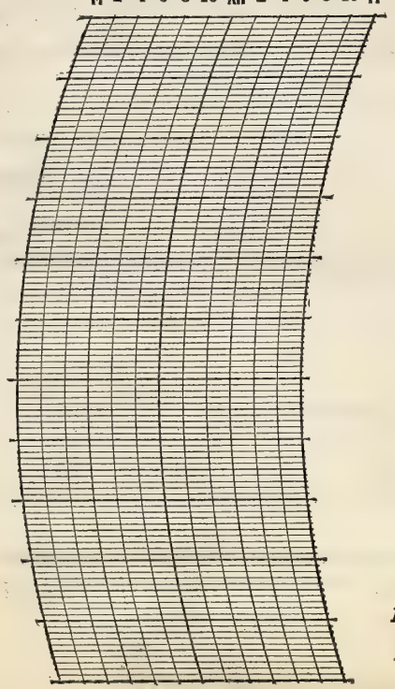
Clouds: Amount, 5; Kind, cu; Direction, NW

Velocity of clouds (miles per hour) ____

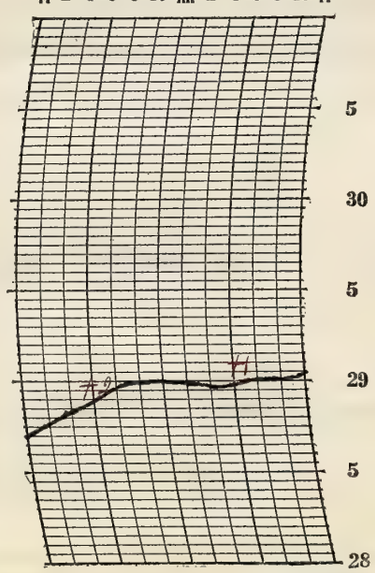
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

8—486

NOTES

Here was a very light rain in the early morning. It cleared up soon after sunrise and remained clear the rest of the day except for some scattered clouds near noon. Temperatures were below normal during the day with a westerly winds of fresh to light intensity.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) March 28, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	24	24	25	27	30	32	35	36	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Cloudy			→
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.8	1.0
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	4	4	7	6	6	6	6	5	4	5	5	4

Sunrise: Time, 5:31 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	37	37	37	36	36	36	35	35	35
Sunshine (in tenths of hours)	1.0	0.6	0	0	0	0	0	0				
Wind direction	SE	SE	E	E	E	E	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	8	7	10	9	9	9	9	10	12

Sunset: Time, 6:01 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	24	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, First 5:44 am

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 3.7 Possible sunshine, hours, 12.5

Per cent of possible sunshine, 30

Prevailing wind direction, SW Total wind, 159

Average hourly velocity, 6.6 Extreme velocity, 15

Maximum velocity, 15 Direction, E

Time began, 10:40 p.m.

Reduced barometer, 30.03 7 a. m. 29.90 7 p. m.

River gage, 4.0 feet

Relative humidity, 64 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

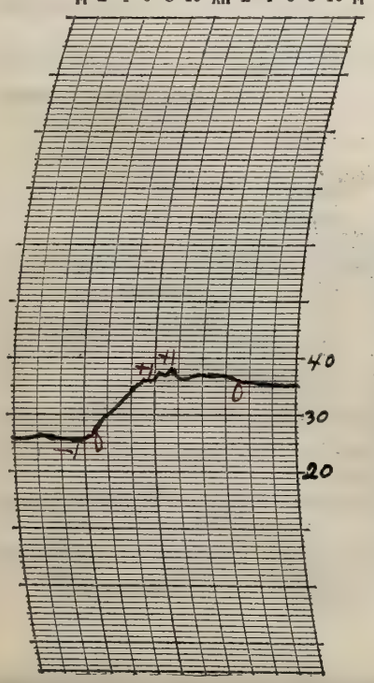
Dry temperature, 36.9 Wet temperature, 30.9

Dew-point, 21 R. humidity, 49 V. pressure, 108

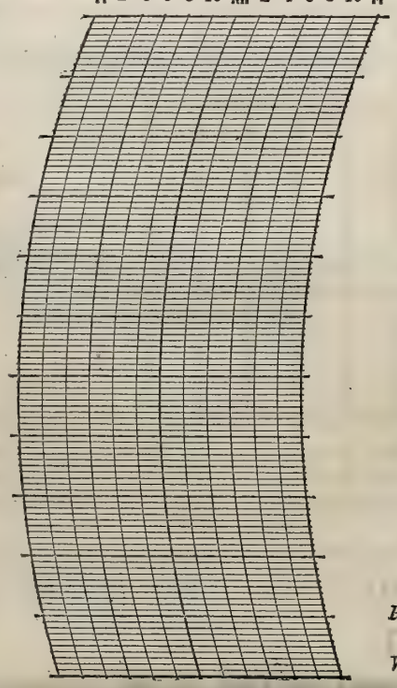
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

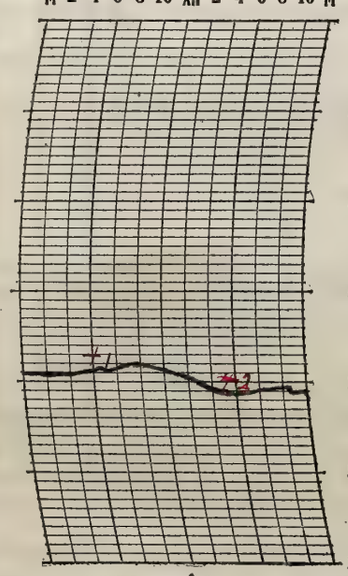
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.

Verified by C.L.H.

NOTES

It has been cloudy all day with temperatures below normal. A light to gentle westerly wind veering to N.E., by night, prevailed.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) March 29, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	32	32	32	31	31	33	34	32	31	32	32	32	32	31	30	30	30	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending			S B DNa S E DNa										R B 12:16 R E 12:34			R B 3:40								
Amounts of precipitation			T										T				.06					.12		
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.2	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	16	16	15	14	15	16	16	15	19	15	16	17	21	20	19	19	20	16	11	10	11	10	8
Maximum velocities (exceeding 24 miles) direction and time																	25 NE 4:57							

Sunrise: Time, 5:29 Character, Cloudy
Moonrise:
Sunset: Time, 6:02 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

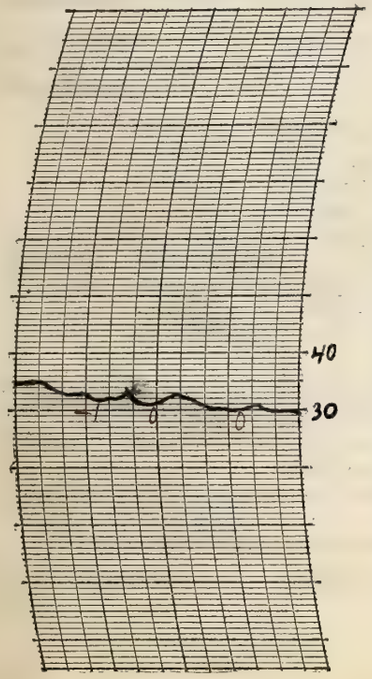
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	30	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.6 ins.
Total precipitation, midnight to midnight, 1.8 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 2
Prevailing wind direction, NE Total wind, 367
Average hourly velocity, 15.3 Extreme velocity, 29
Maximum velocity, 25 Direction, NE
Time began, 4:57 p.m.
Reduced barometer, 29.91 7 a. m. 29.82 7 p. m.
River gage, 4.4 feet
Relative humidity, 84 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.4 Wet temperature, 30.2
Dew-point, 29 R. humidity, 87 V. pressure, 152
Clouds: Amount, 10; Kind, st cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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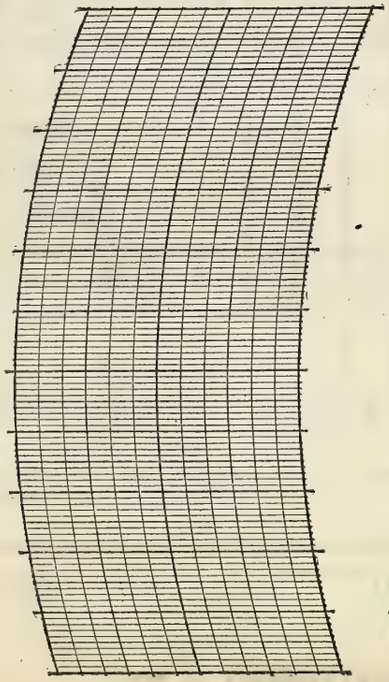
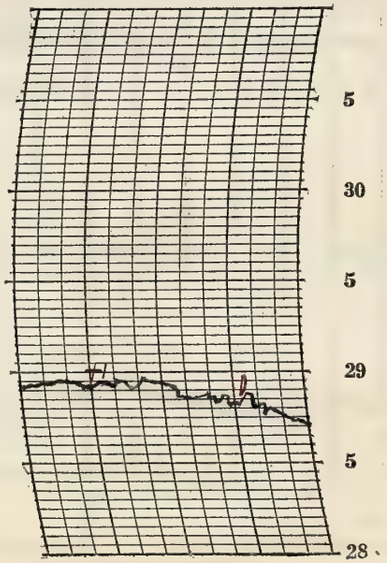


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

8—486

NOTES

The sky was completely overcast all day. During the early morning between 2 & 3 a.m. a light snow fell. Temperatures continued falling until after sunrise, then made a slight rise, and continued nearly the same with a downward trend towards evening. A light rain fell near noon. A grey rain was reported in the NE part of town about 1:00 p.m. and another heavier one in the SW part between 2-3 p.m. probably due to dust which traveled many hundreds of miles. A light rain began at 3:40 p.m. & 4:00 p.m.

Anemometer froze. Miles estimated from 4:45 a.m. to 6:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) March 30, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	29	28	28	28	28	29	29	29	29	30	31	30	30	30	30	28	27	26	26	25
							RE 6:40 SP B 6:40									SP E 3:30								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation			.18						.03				.01											
Cloudiness and other conditions												Cloudy							Pt. Cldy				Clear	

Sunrise: Time, 5:28 Character, Cloudy
Moonrise:
Sunset: Time, 6:03 Character, Clear
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0.5	0.2	1.0	1.0	0.5	0	0.3	0.8	0.5 0.4	0.05 0					
Wind direction	NE	NE	NE	NE	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW
Wind movement	9	8	8	6	6	8	10	13	12	11	15 17	17	16	17	14	15	14	11	9	8	7	6	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

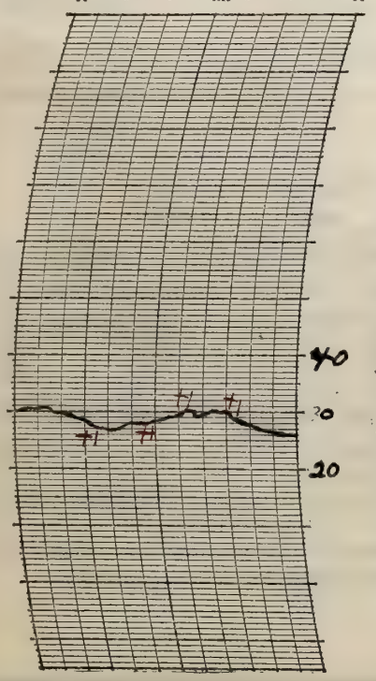
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	25	28	

Total depth of snow for 24 hours ending 7 p. m., 1.8 inches.
Snow, sleet, and hail on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight 1.8 inches.
Precipitation to 7 a. m., .30 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.2 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 41
Prevailing wind direction, NW Total wind, 254
Average hourly velocity, 10.6 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 3:41 p.m.
Reduced barometer, 29.62 7 a. m. 29.99 7 p. m.
River gage, 4.0 feet
Relative humidity, 100 7 a. m. 84 7 p. m.

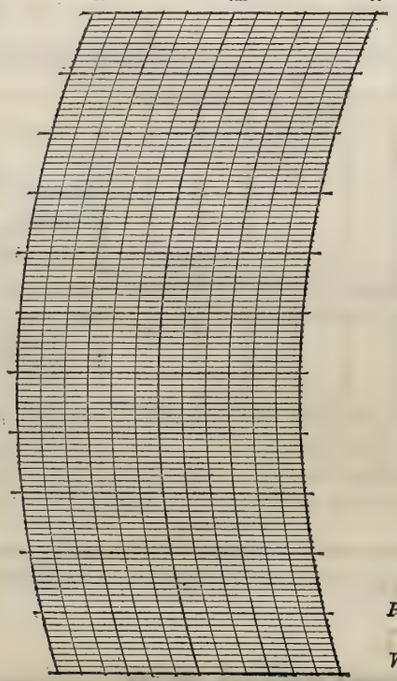
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 28.9 Wet temperature, 28.0
Dew-point, 26 R. humidity, 90 V. pressure, .136
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

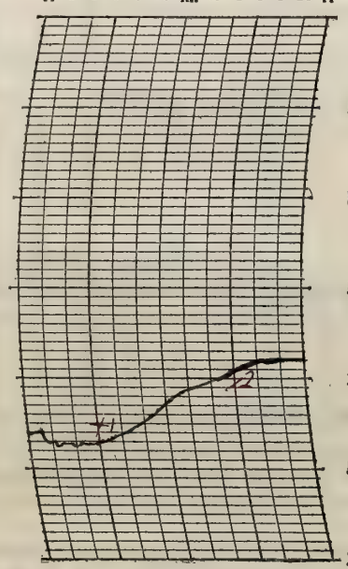
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.

Verified by E.L.H.

NOTES

Rain continued falling from yesterday and at 6:40 a.m. turned to snow which fell until 3:30 p.m. Part of the snow melted as it fell

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) March 31, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	25	26	26	27	29	33	36	39	41	43	44	44	45	44	43	43	42	41	41	40	39
State of weather: Nature of precipitation and time of beginning and ending																					R 8 S 8:20 R.E 8:30			
Amounts of precipitation																					T			
Cloudiness and other conditions					←		Clear					X	P.C. Cloudy					X		Cloudy	→			
Sunshine (in tenths of hours)						0.57 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0					
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	SW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	S	SE
Wind movement	8	8	10	8	6	6	7	6	6	7	10	11	13	13	12	12	12	7	5	7	9	5	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:26 Character, Clear
Moonrise:
Sunset: Time, 6:04 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

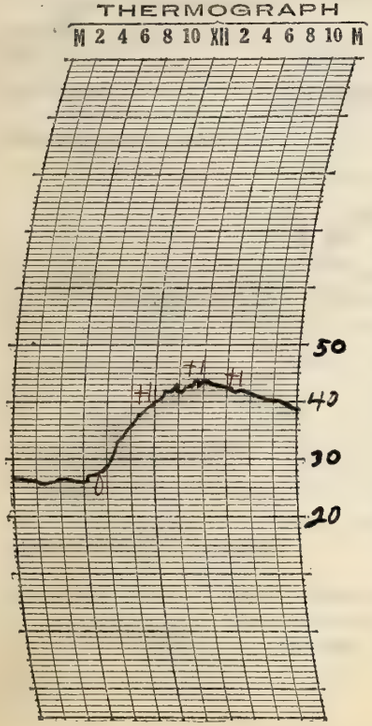
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	24	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.5 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 91
Prevailing wind direction, SW & W Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 1:45 p.m.
Reduced barometer, 30.07 7a. m. 30.03 7p. m.
River gage, 8.2 feet
Relative humidity, 78 7a. m. 55 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.1 Wet temperature, 34.2
Dew-point, 24 R. humidity, 48 V. pressure, 1.24
Clouds: Amount, Few 4; Kind, Cu & St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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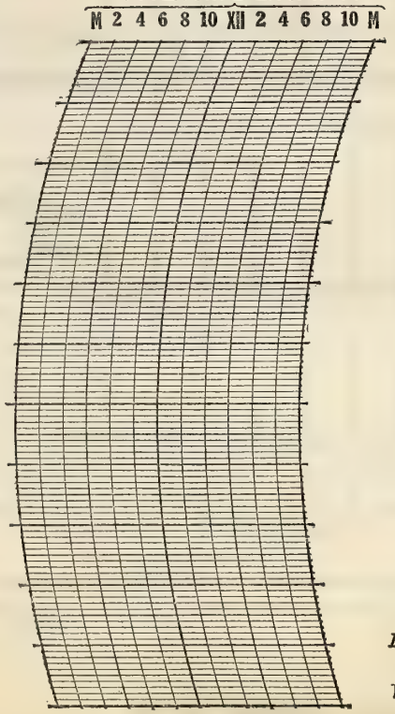
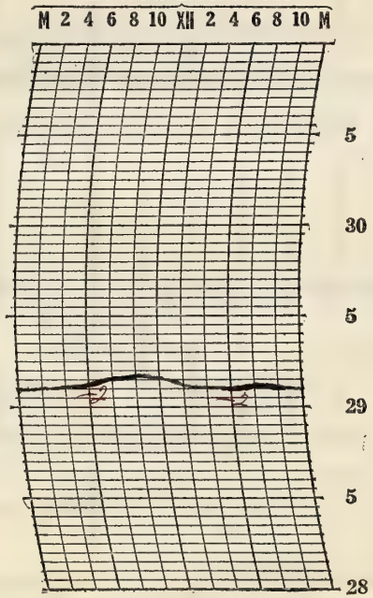


BAROGRAPH.



Prepared by CJS

Verified by E.O.H.

8—486

NOTES

There was a light rain near mid-evening. It was clear during most of the morning becoming cloudy by evening. Temperatures are still below normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) April 1, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	35	35	37	39	41	46	49	53	56
Nature of precipitation and time of beginning and ending											RB 10:50 RE 10:55	
Amounts of precipitation											T	
Cloudiness and other conditions					← Pt Cloudy				× Cloudy		× Pt Cloudy	× Pt Cloudy
Sunshine (in tenths of hours)						0.60 0	0.4 0.6	1.0	1.0	0.8	1.0	1.0
Wind direction	SE	SE	SE	NE	S	S	S	SW	SW	W	W	W
Wind movement	3	3	3	2	1	3	5	5	7	7	6	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	54	52	50	49	47	44	42	40	38	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						× Cloudy	× Pt Cloudy	Clear				
Sunshine (in tenths of hours)	1.0	1.0	0.9	1.0	1.0	0.9 0.1	0.10 0					
Wind direction	W	SW	N	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	10	10	9	11	9	8	7	8	8	7	6	5

Sunrise: Time, 5:24 Character, Clear

Moonrise:

Sunset: Time, 6:06 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 98

Prevailing wind direction, NE Total wind, 151

Average hourly velocity, 6.3 Extreme velocity, 13

Maximum velocity, 13 Direction, W

Time began, 12:31 p.m.

Reduced barometer, 30.00 7 a. m. 30.08 7 p. m.

River gage, 8.6 feet

Relative humidity, 77 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

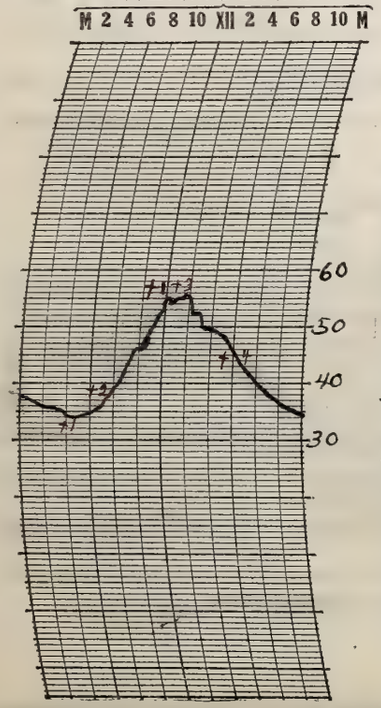
Dry temperature, 55.8 Wet temperature, 48.3

Dew-point, 41 R. humidity, 58 V. pressure, .256

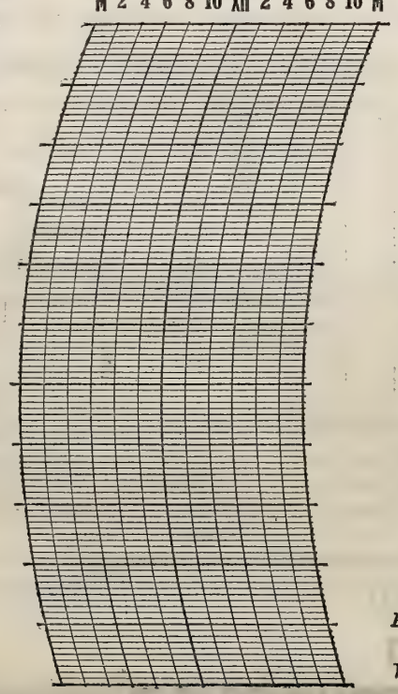
Clouds: Amount, 2; Kind, cu; Direction, NW

Velocity of clouds (miles per hour)

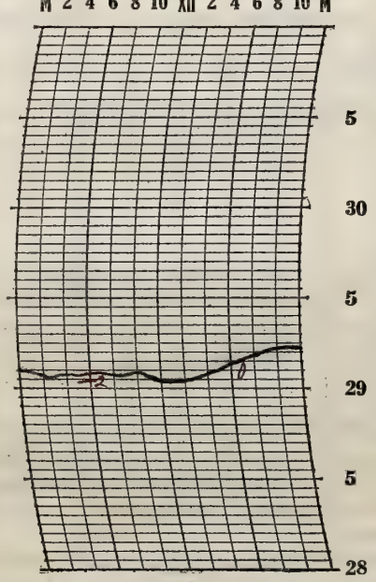
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

NOTES

The sky was cloudy to part cloudy most of the day. High clouds prevailed during the early morning changing to lower clouds shortly after observation. A light sprinkle fell near 11:00 p.m. During the afternoon the sky cleared and the moon and stars were visible in the evening. Temperature rose until shortly after noon and then commenced falling.

There was a lunar corona in the evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) April 2, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	33	33	33	34	38	44	49	54	56	59	60	63	65	64	63	63	62	62	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Cloudy									→			
Sunrise: Time, 5:23 Character, Cloudy																					Sunset: Time, 6:07 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	4	6	4	5	5	6	6	5	9	9	10	11	13	13	11	11	10	9	12	11	12	15	15	13
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

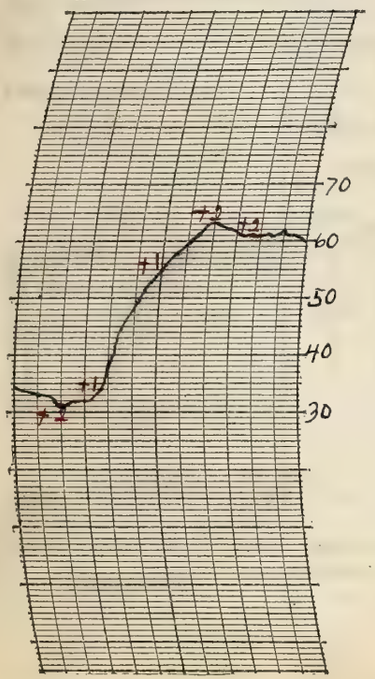
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	33	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 8.5 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 67
Prevailing wind direction, SE Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 18
Maximum velocity, 17 Direction, SE
Time began, 2:09 pm
Reduced barometer, 30.18 7 a. m. 28.94 7 p. m.
River gage, 9.7 feet
Relative humidity, 100 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.2 Wet temperature, 47.2
Dew-point, 38 R. humidity, 50 V. pressure, .228
Clouds: Amount, 10; Kind, a.st.; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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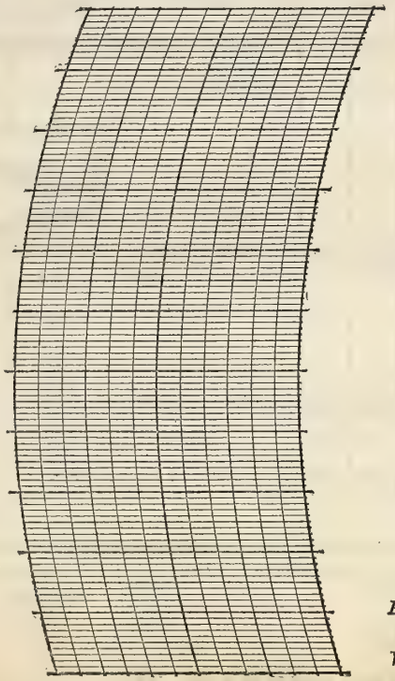

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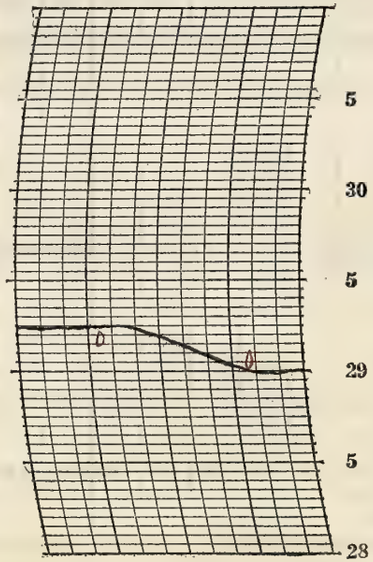


Prepared by CJS

Verified by E.L.H.

8—486

NOTES

The sky was overcast most of the day with high clouds prevailing except during the earlier part of the morning. Temperatures rose through the day and remained nearly the same during the evening.

A 22° lunar halo was observed near 9:00 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) April 3, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	63	63	63	63	63	65	67	68	69	70	70	73	72	70	69	68	67	65	64	64	62	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt. Cldy				Cloudy							Pt. Cldy			Clear				
Sunshine (in tenths of hours)						0	0.4	0.4	1.0	1.0	1.0	1.0	0.5	0.8	1.0	0.8	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	13	17	18	18	18	17	17	17	19	20	20	18	15	14	17	16	15	12	11	10	13	14	14	14
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:21 Character, Cloudy
Moonrise:
Sunset: Time, 6:08 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

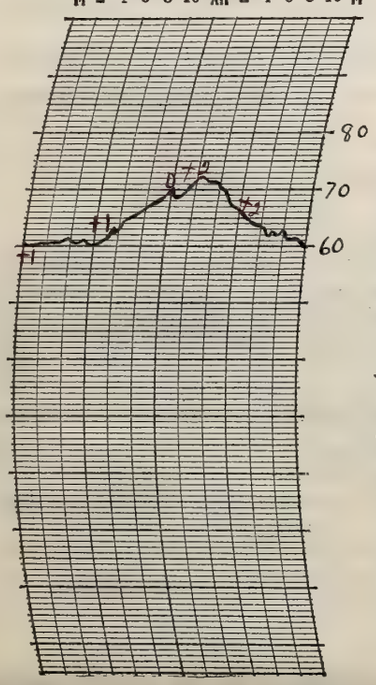
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.1 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind, 377
Average hourly velocity, 15.7 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 10:50 a.m.
Reduced barometer, 29.96 7 a. m. 30.06 7 p. m.
River gage, 10.0 feet
Relative humidity, 58 7 a. m. 65 7 p. m.

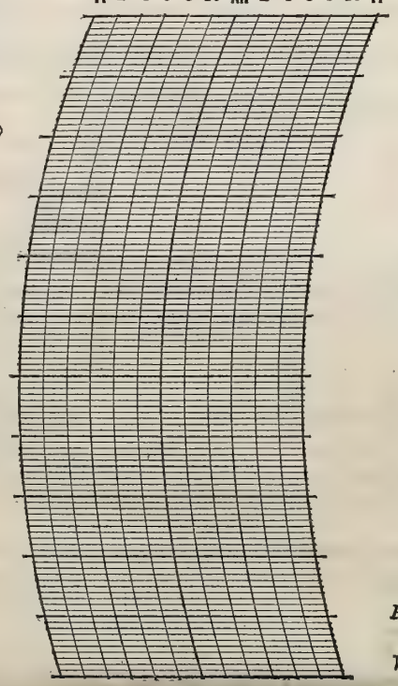
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.4 Wet temperature, 59.9
Dew-point, 53 R. humidity, 54 V. pressure, .402
Clouds: Amount, 9; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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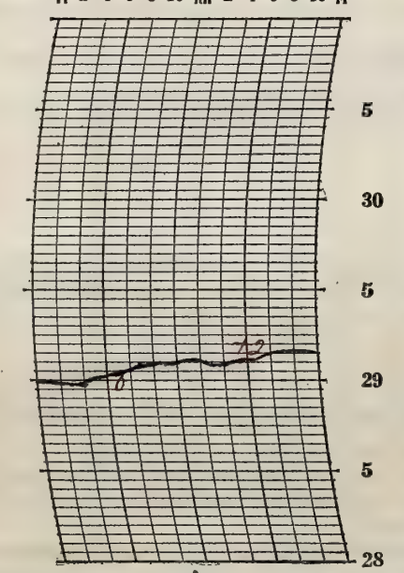


Prepared by E.J.
Verified by E.J.H.

NOTES

It clouded up after sunrise and gradually became clear in the evening. The moon and stars were visible. Temperatures still continue to rise during the day and falling a little soon after 2:00 p.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) April 4, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	61	59	59	60	63	66	69	69	70	71	71	70	68	65	64	64	64	63	61	62	63	62
State of weather: Nature of precipitation and time of beginning and ending																RB 3:50				RF 7:40	RB 8:30			
Amounts of precipitation																T	T	T	T	T	T	.01	T	.08
Cloudiness and other conditions					← Pt Cldy							→					Cloudy							
Sunshine (in tenths of hours)						0	0.2	0.7	1.0	1.0	1.0	0.9	0.8	1.0	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	13	15	16	13	12	13	15	19	19	23	23	22	21	21	19	17	12	10	11	12	14	10	13	13
Maximum velocities (exceeding 24 miles) direction and time										28 S 9:50	26 SW 10:13	25 SW 11:48	30 SW 12:54	27 SW 1:00										

Sunrise: Time, 5:19 Character, Cloudy

Moonrise:

Sunset: Time, 6:09 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Pt Cloudy Moon phase, Full - 9:38pm

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.6 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 52

Prevailing wind direction, SW Total wind, 376

Average hourly velocity, 15.7 Extreme velocity, 31

Maximum velocity, 30 Direction, S W

Time began, 12:54 p.m.

Reduced barometer, 30.05 7 a. m. 29.97 7 p. m.

River gage, 9.3 feet

Relative humidity, 53 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

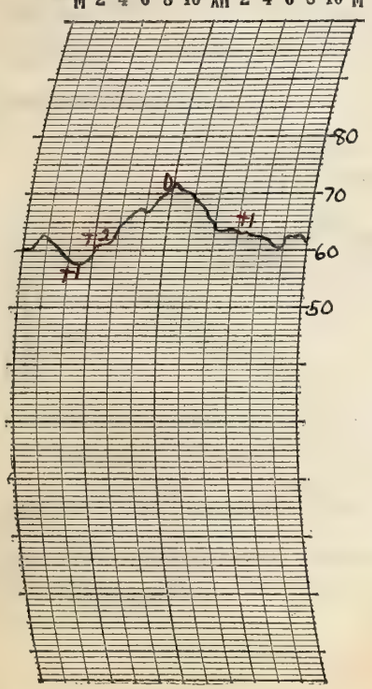
Dry temperature, 71.2 Wet temperature, 57.2

Dew-point, 46 R. humidity, 41 V. pressure, .310

Clouds: Amount, 8; Kind, cu; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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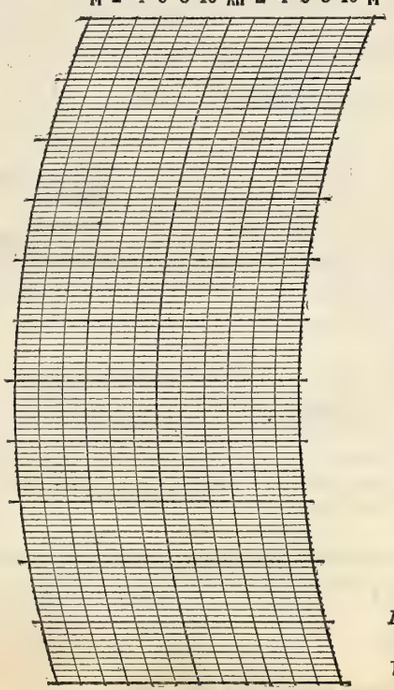
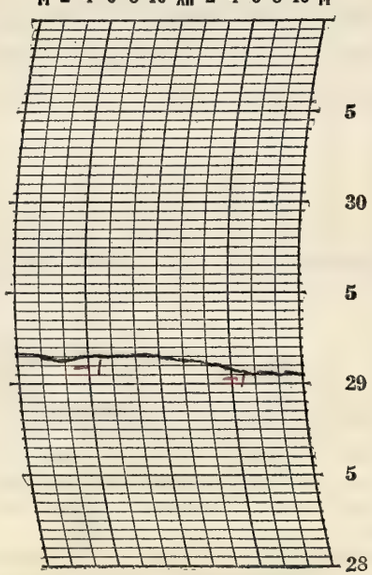


BAROGRAPH.



Prepared by E.J.

Verified by E.C.H.

NOTES

Temperatures remain nearly the same. The sky became overcast during the day and a light rain commenced in the mid afternoon, stopping during the early evening but again continuing. A heavy downpour commenced just before midnight and lasted for only a few minutes.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April 5, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	59	60	59	61	64	58	59	61	63
State of weather: Nature of precipitation and time of beginning and ending	BE DN3								RB 8:20		RE 10:20 RB 10:50 RE 11:00	
Amounts of precipitation	T								.02	.03	T	
Cloudiness and other conditions	Cloudy										Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	14	14	11	14	13	17	16	17	20	17	18	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	69	70	70	69	69	68	66	65	65	65	63
State of weather: Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:50											
Amounts of precipitation	.01											
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.1	0.6	0.9	0.3	0	0	0					
Wind direction	SW	SW	S	S	S	S	SE	SE	S	S	S	S
Wind movement	14	8	15	16	13	12	9	10	11	11	13	10

Sunrise: Time, 5:17 Character, Cloudy

Moonrise:

Sunset: Time, 6:10 Character, Cloudy

Moonset:

Maximum velocities (exceeding 27 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 3.5 Possible sunshine, hours, 12.9

Per cent of possible sunshine, 27

Prevailing wind direction, S Total wind, 329

Average hourly velocity, 13.7 Extreme velocity, 27

Maximum velocity, 24 Direction, S

Time began, 8:30 a.m.

Reduced barometer, 29.92 7 a. m. 29.81 7 p. m.

River gage, 7.5 feet

Relative humidity, 64 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

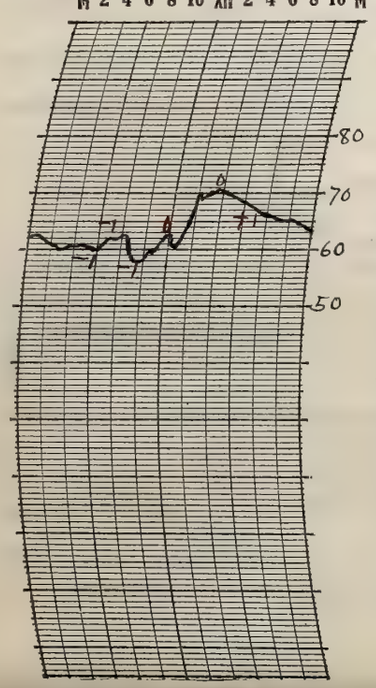
Dry temperature, 62.9 Wet temperature, 57.8

Dew-point, 55 R. humidity, 74 V. pressure, 422

Clouds: Amount, 4 Kind, Cu Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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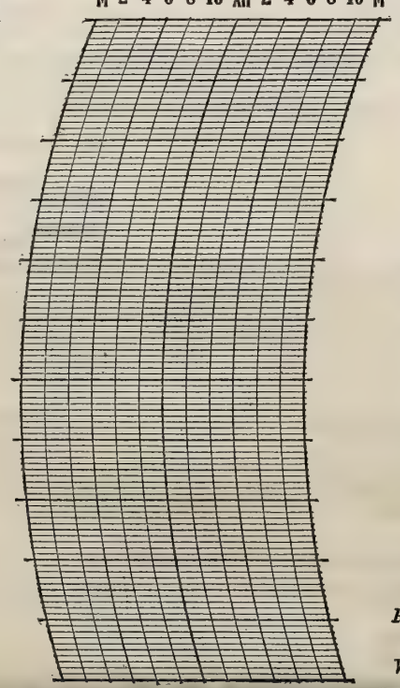
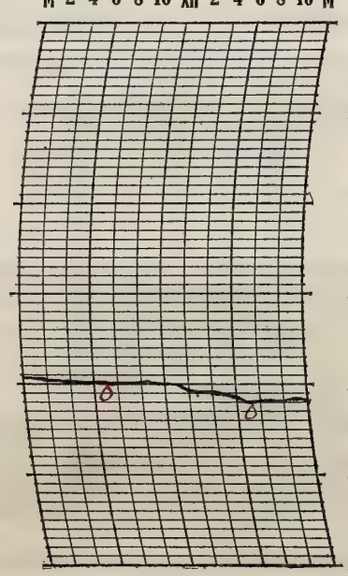


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

A moderate to gentle southerly wind prevailed during the day. It rained during the later part of the morning and in the early afternoon. It was cloudy most of the day with temperatures still above normal.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) April 6, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	60	61	62	63	63	65	67	70	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0.3	0.6	1.0	0.9	1.0
Wind direction	S	S	SE	SE	SE	S	S	SE	SE	S	S	SW
Wind movement	12	11	11	10	13	16	17	13	17	22	24	24
Maximum velocities (exceeding 24 miles) direction and time										26 S 9:31	30 S 10:57	29 S 11:20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	69	69	68	67	65	64	60	59	59	58
State of weather: Nature of precipitation and time of beginning and ending					RB 4:02 RE 4:09		RB 6:15 RE 6:20	RB 7:40				cont
Amounts of precipitation					T		T	T	.05	.20	.12	.03
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.6	0.5	0	0	0	0	0					
Wind direction	SW	S	S	S	S	S	S	S	SW	S	S	S
Wind movement	19	16	10	19	18	15	14	13	12	10	9	9
Maximum velocities (exceeding 24 miles) direction and time												

Cloudy

Sunrise: Time, 5:16 Character, Cloudy

Moonrise:

Sunset: Time, 6:11 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	58	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.9 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 38
Prevailing wind direction, S Total wind, 354
Average hourly velocity, 14.8 Extreme velocity, 34
Maximum velocity, 30 Direction, S
Time began, 10:57 a.m.
Reduced barometer, 29.72 7a. m. 29.56 7p. m.
River gage, 6.2 fall
Relative humidity, 62 7a. m. 68 7p. m.

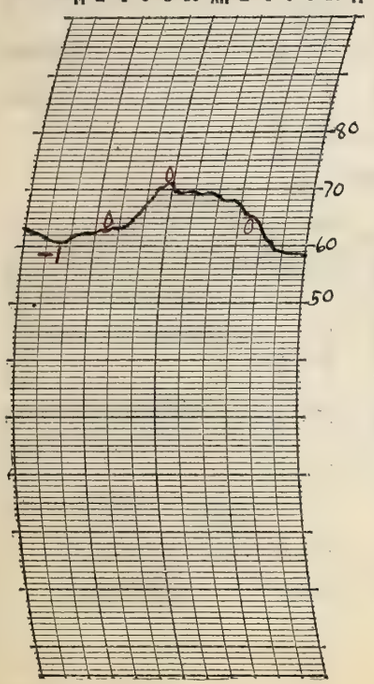
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.2 Wet temperature, 60.1
Dew-point, 53 R. humidity, 53 V. pressure, .402
Clouds: Amount, 3; Kind, 4 Cu 1 St 2 Cu; Direction, SW SW SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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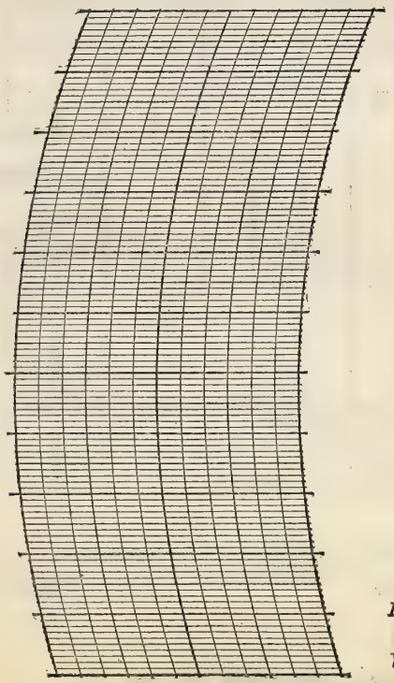
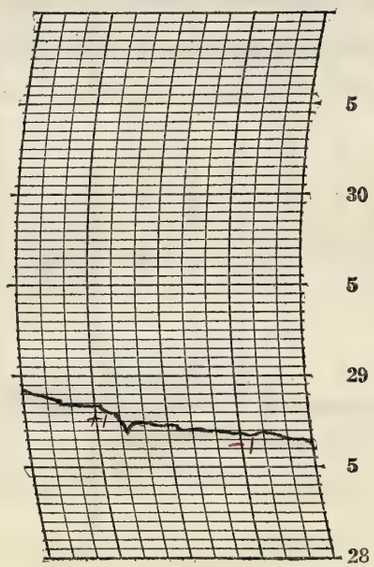


BAROGRAPH.



Prepared by C.J.S.

Verified by E.L.H.

8—486

NOTES

Temperatures were near those of yesterday while rain fell in the late afternoon and during the evening. It was cloudy all day with with fresh to gentle southerly winds reaching a strong wind at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) April 7, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	56	56	55	55	53	54	56	51	49
State of weather: Nature of precipitation and time of beginning and ending	cont							RE 7:35			RB 10:53	RE 11:15
Amounts of precipitation	.01	.01	.02	.04	.03	.03	.01	.02			T	T
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	8	7	10	8	9	8	9	10	10	5	20	15

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	46	41	40	39	38	36	36	35	34	33	32
State of weather: Nature of precipitation and time of beginning and ending	RB 12:20 RE 2:45	RB 1:05 RE 1:20	RB 2:22 RE 2:33	RB 3:02 RE 3:20			SD B 6:56					cont
Amounts of precipitation	T	T	T	.02			T	←		.02		→
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0.1	0.2	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	20	22	21	22	20	20	20	15	15	14	14

Sunrise: Time, 5:14 Character, Cloudy
Moonrise:

Sunset: Time, 6:12 Character, Cloudy
Moonset:

Maximum velocities (exceeding 27 miles) direction and time: 26 SW 2:24; 29 SW 3:05; 28 SW 4:00

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

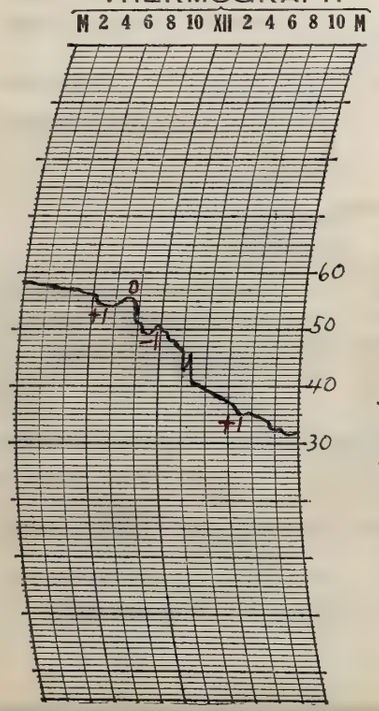
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	32	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .55 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 3
Prevailing wind direction, SW Total wind, 347
Average hourly velocity, 14.5 Extreme velocity, 35
Maximum velocity, 27 Direction, SW
Time began, 3:05 p.m.
Reduced barometer, 29.47 7 a. m. 29.58 7 p. m.
River gage, 5.5 feet
Relative humidity, 97 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 49.2 Wet temperature, 46.8
Dew-point, 44 R. humidity, 84 V. pressure, .287
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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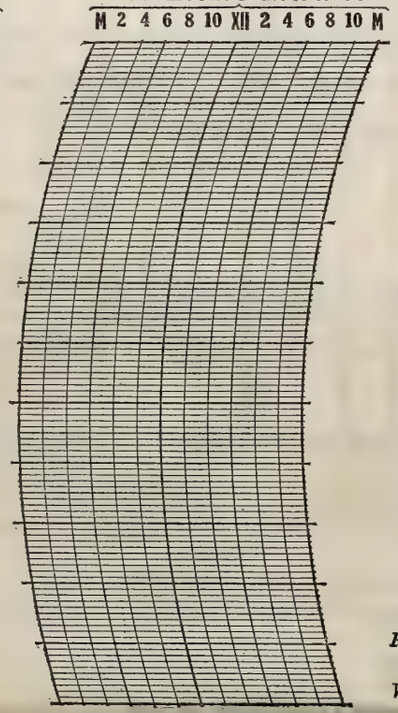
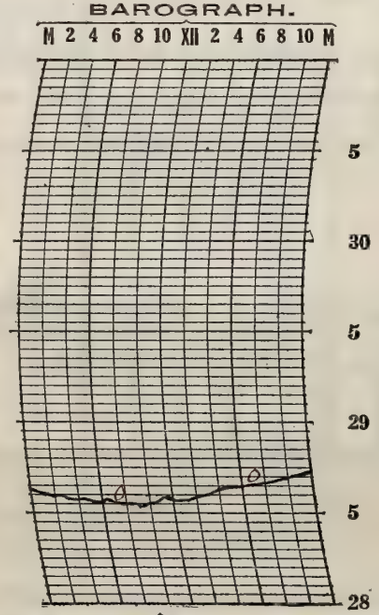


BAROGRAPH.



Prepared by CJJ.

Verified by E.L.H.

NOTES

Temperatures fell during most of the day and the mean temperature was close to normal. Rain or snow fell the greater portion of the day while fresh to gentle, south to southwest winds prevailed and at times reached the force of a strong wind.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) April 8, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	29	28	29	30	30	31	32	33
Nature of precipitation and time of beginning and ending							SDE 6:38			SDB 7:55 SDE 10:00	SDB 10:20 SDE 11:00	
Amounts of precipitation			.02									
Cloudiness and other conditions					Pt. Cldy	Clear		Pt. Cldy		Cldy		

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	32	32	32	31	31	30	29	28	27	27
Nature of precipitation and time of beginning and ending	SDB 12:03 SDE 12:25 SDB 12:45	SDE 1:13 SDB 1:35	SDE 2:20 SDB 2:50		SDE 4:15							
Amounts of precipitation		.01										
Cloudiness and other conditions	Pt. Cldy	Cldy	Cldy	Cldy	Cldy			Cloudy				

Sunrise: Time, 5:13 Character, Cloudy

Moonrise:

Sunset: Time, 6:13 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0.1	0.5	0.8	0.1	0.8	0.4	0.3
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	16	14	17	18	18	16	16	20	21	20	20	20
Maximum velocities (exceeding 24 miles) direction and time								26 W 7:48	25 W 8:34			

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0.2	0.3	0.3	0.1	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	17	18	15	15	14	13	13	13	13	13	12

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	27	31	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.9 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 30

Prevailing wind direction, W Total wind, 392

Average hourly velocity, 16.3 Extreme velocity, 34

Maximum velocity, 26 Direction, W

Time began, 7:48 a. m.

Reduced barometer, 29.91 7 a. m. 30.13 7 p. m.

River gage, 6.2 feet

Relative humidity, 74 7 a. m. 87 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

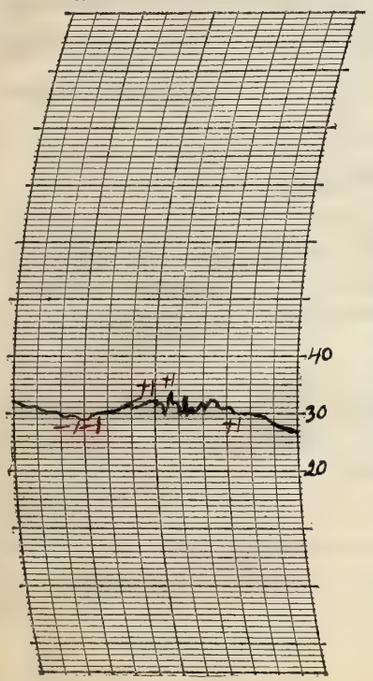
Dry temperature, 33.1 Wet temperature, 28.9

Dew-point, 22 R. humidity, 59 V. pressure, .113

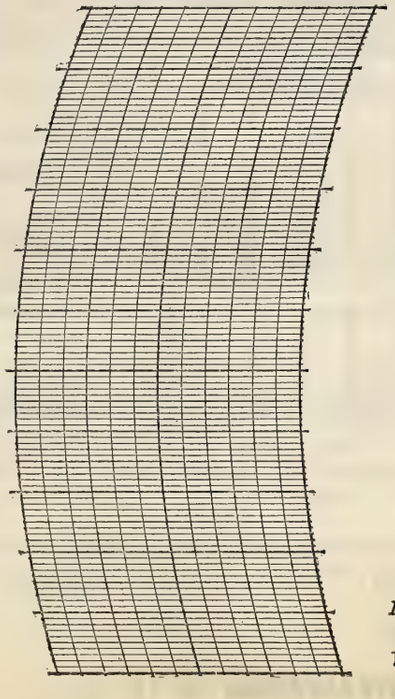
Clouds: Amount, 2; Kind, St. cu.; Direction, W

Velocity of clouds (miles per hour)

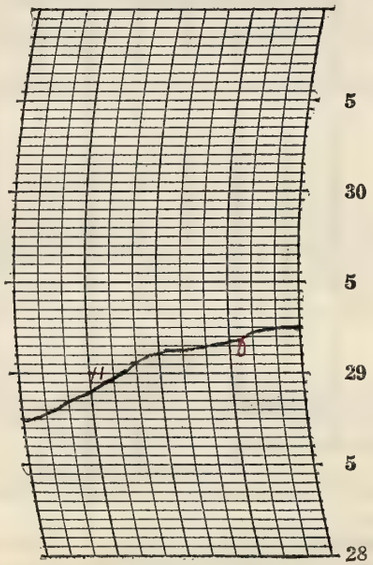
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by E.L.H.

8—486

NOTES

Easter Sunday. It was a disagreeable day as a whole. Sunshine and snow flurries alternated during most of the day. Temperatures were close to freezing while a moderate to fresh westerly wind prevailed.

Snow flurries fell during the early morning stopping for several hours and then commencing again near 10:00 a.m. There was another interval just before noon but during the afternoon there were quite a number of flurries. Most of the snow melted when it reached the ground. However temperatures fell slightly during the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) April 9, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	26	25	25	25	26	27	28	29	30	32	32	35	36	36	34	34	33	33	33	32	31
										SDB 9:18	SDE 10:31													
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation										T	T													
Cloudiness and other conditions					← Pt. Cldy				×	Cldy		×			Part Cloudy									→
Sunshine (in tenths of hours)						0	0.2	0.6	0.4	0.5	0.5	0.2	1.0	0.4	0.5	0.8	0.6	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	9	8	10	9	10	10	11	12	15	12	12	11	14	15	12	12	9	8	5	4	3	3	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:11 Character, Cloudy
Moonrise:
Sunset: Time, 6:14 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	25	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.7 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 44
Prevailing wind direction, W Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 21
Maximum velocity, 19 Direction, W
Time began, 1:05 p. m.
Reduced barometer, 30.25 7 a. m. 30.20 7 p. m.
River gage, 5.8 feet
Relative humidity, 81 7 a. m. 45 7 p. m.

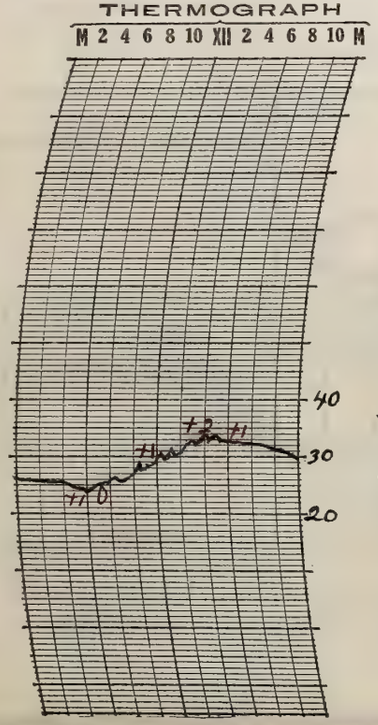
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

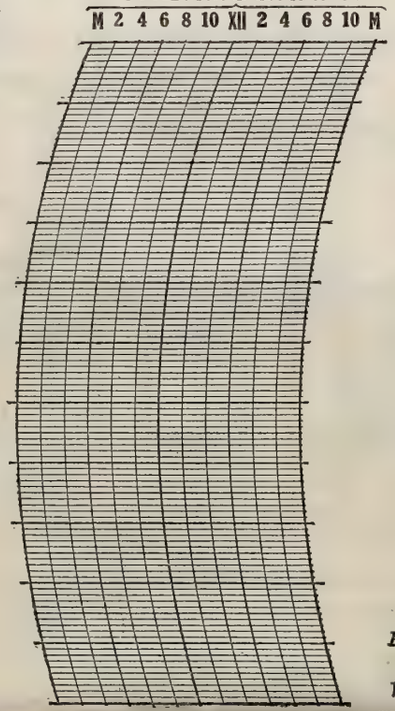
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 30.1 Wet temperature, 25.1
Dew-point, 14 R. humidity, 47 V. pressure, .077
Clouds: Amount, 10; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

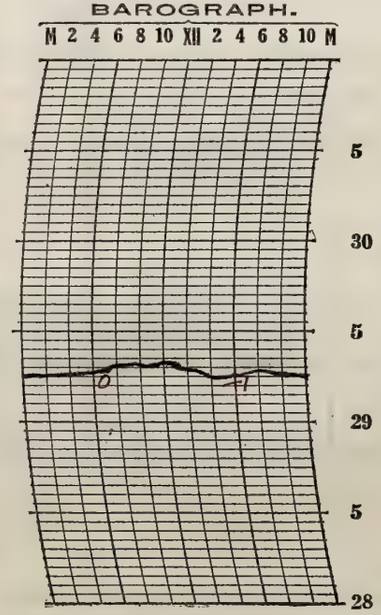
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJP
Verified by E.L.H

NOTES

Temperatures continue under normal. The sky was partly cloudy except for the period during the forenoon during which there was a snowfall. Light to moderate westerly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) April 10, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	27	27	27	30	32	34	37	38	39	40	42	44	44	44	43	41	39	36	34	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear											→
Sunshine (in tenths of hours)						0	0.7 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.25 0					
Wind direction	W	W	O	W	W	SW	O	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	2	3	0	1	1	1	0	4	4	5	5	5	7	6	7	6	6	7	6	6	10	11	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:09 Character, Cloudy
Moonrise:
Sunset: Time, 6:15 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

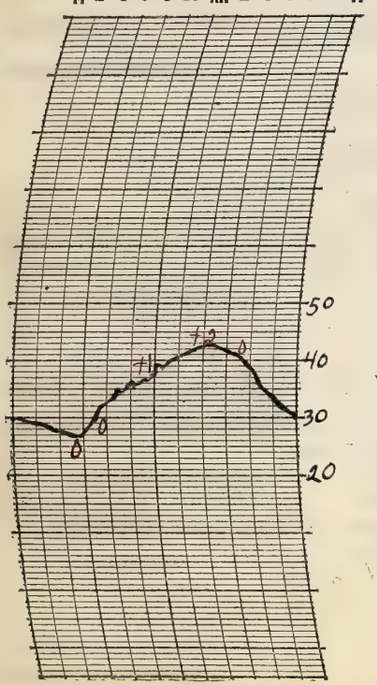
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.0 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 14
Maximum velocity, 13 Direction, E
Time began, 8:02 pm
Reduced barometer, 30.19 7 a. m. 29.99 7 p. m.
River gage, 5.7 feet.
Relative humidity, 89 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.9 Wet temperature, 32.2
Dew-point, 21 R. humidity, 46 V. pressure, .108
Clouds: Amount, 3 Kind, cu st Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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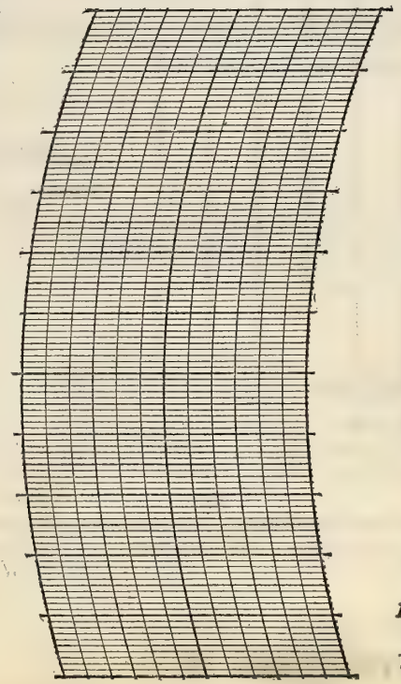
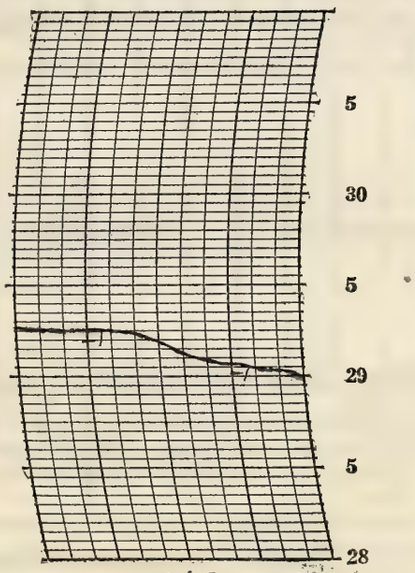


BAROGRAPH.



Prepared by C.S.
Verified by E. L. H.

NOTES

It was a clear day with the stars shining brightly in the evening. Temperatures are still below normal but are warmer than yesterday's. A gentle to light easterly wind prevailed.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) April 11, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	29	24	29	31	34	38	42	46	50	53	54	56	57	56	55	50	47	44	43	42	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy								Clear							Cloudy →				
Sunrise: Time, 5:08 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 6:16 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	7	8	8	8	9	9	8	10	10	8	7	6	6	5	4	3	4	2	8	8	8	5	5	1
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	29	44	

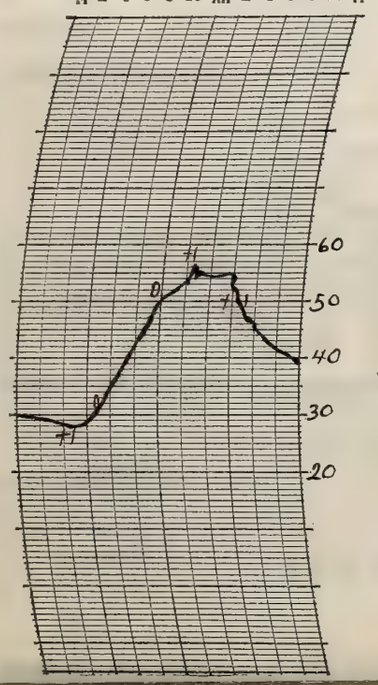
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.7 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 74
Prevailing wind direction, NE Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 6:50 a.m.
Reduced barometer, 29.81 7 a. m. 29.64 7 p. m.
River gage, 5.4 feet
Relative humidity, 86 7 a. m. 52 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 41.2
Dew-point, 30 R. humidity, 45 V. pressure, .164
Clouds: Amount, 9; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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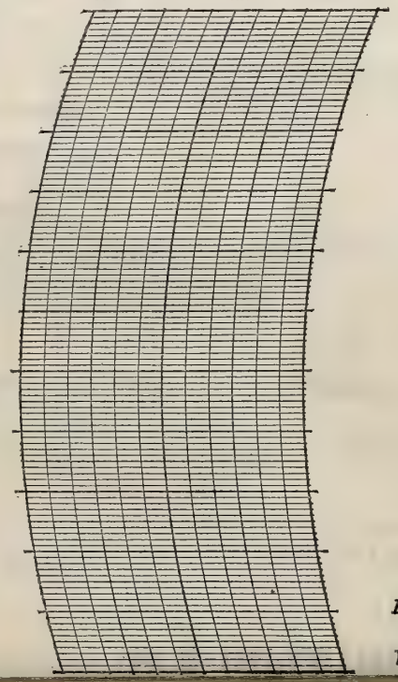
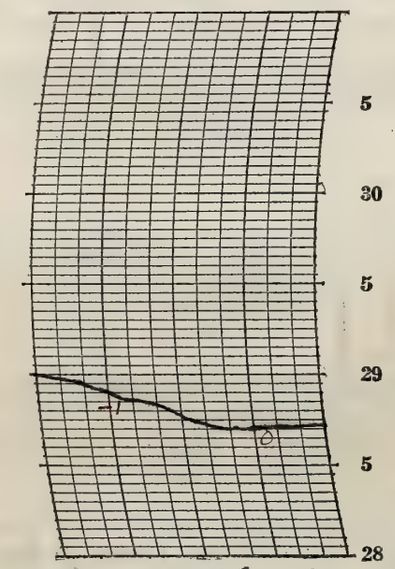


BAROGRAPH.



Prepared by EJ

Verified by E. D. H.

NOTES

Temperatures were close to normal today. The day as a whole was partly cloudy with light to gentle NE & E winds prevailing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April 12, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	39	41	41	42	44	46	48	50	51
Nature of precipitation and time of beginning and ending							RB 6:58	RE 7:01				
Amounts of precipitation							T	T				
Cloudiness and other conditions					Cldy			Pt. Cldy		Clear		
Sunshine (in tenths of hours)						0	0	0	0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SW	SW	SW	W	W	W	W
Wind movement	3	3	5	8	7	8	10	8	11	16	14	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	57	57	56	55	52	50	48	46	45	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt. Cldy						Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	16	22	20	19	18	16	11	9	7	7	9	6

Sunrise: Time, 5:06 Character, Cloudy
Moonrise:
Sunset: Time, 6:17 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 27 W 1:15

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.5 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 57
Prevailing wind direction, W Total wind, 270
Average hourly velocity, 11.2 Extreme velocity, 31
Maximum velocity, 27 Direction, W
Time began, 1:15 p.m.
Reduced barometer, 29.61 7 a. m. 29.82 7 p. m.
River gage, 4.7 feet
Relative humidity, 66 7 a. m. 44 7 p. m.

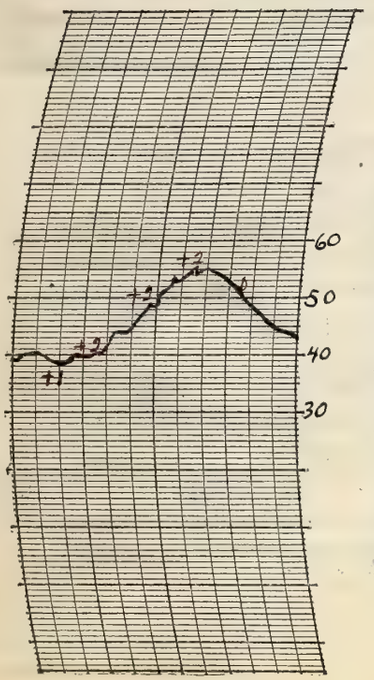
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.1 Wet temperature, 41.9
Dew-point, 30 R. humidity, 44 V. pressure, 164
Clouds: Amount, Ens.; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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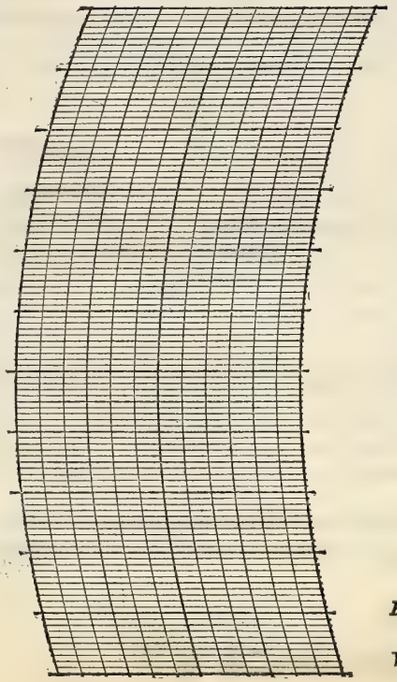
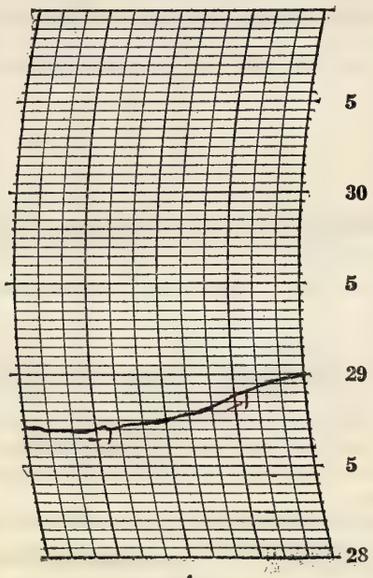


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A light sprinkle fell in the early morning. It cleared up during the morning but again became partly cloudy in the afternoon, however it cleared up close to sunset and continued clear into the evening with the stars visible. Temperatures were close to normal while fresh to light westerly winds prevailed and at times reaching the force of a strong wind.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) April 13, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	38	36	36	42	44	46	49	51	52	53	54	55	55	50	46	45	43	43	43	44	44
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:42							
Amounts of precipitation																	.02	.04	.05	.04	.03	.03	T	.01
Cloudiness and other conditions					←		Pt Cldy					×					Cloudy							→
Sunshine (in tenths of hours)						0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0	0	0					
Wind direction	SW	W	W	W	W	W	W	W/E	NE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E
Wind movement	5	8	6	5	3	2	2	4	6	5	6	7	7	8	10	10	13	8	5	8	9	11	11	6
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 5.05 Character, Cloudy
Moonrise:
Sunset: Time, 6.18 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

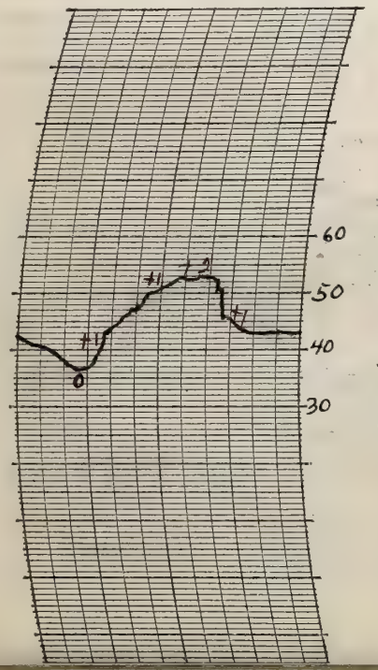
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Cloudy Moon phase, Last - 2:08 a m
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.3 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 55
Prevailing wind direction, SE Total wind, 165
Average hourly velocity, 6.9 Extreme velocity, 19
Maximum velocity, 17 Direction, SE
Time began, 4.28 p.m.
Reduced barometer, 30.08 7 a.m. 29.86 7 p.m.
River gage, 4.2 feet
Relative humidity, 60 7 a.m. 89 7 p.m.

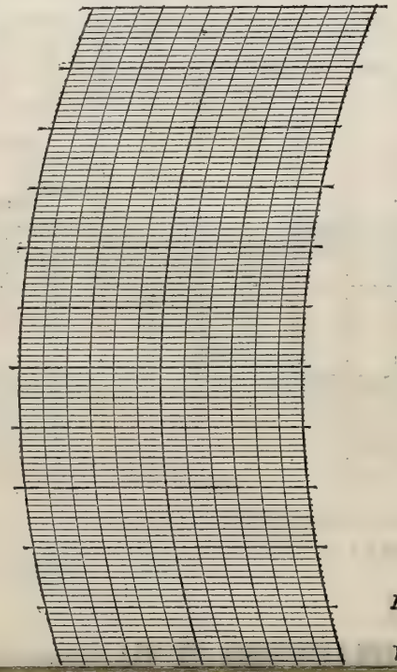
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.2 Wet temperature, 42.4
Dew-point, 30 R. humidity, 42 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

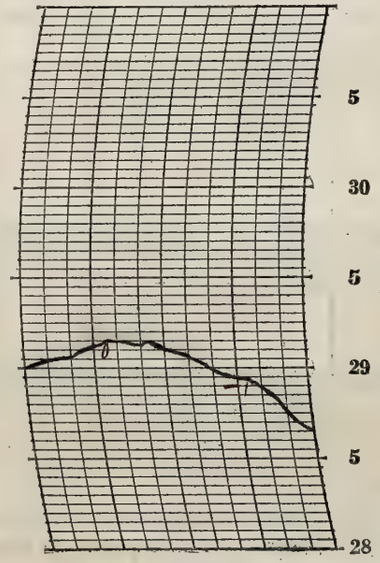
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]
Verified by E. L. H.

NOTES

A rain began at 4:42 p.m in the afternoon and continued into the evening. It was partly cloudy in the morning but became cloudy shortly before noon. Temperatures still remain close to normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Feb. 14, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	47	48	50	50	48	47	48	38	34	32
Nature of precipitation and time of beginning and ending		RE ONa							RB 8.57	RE 9.35 RB 9.56	RE 10.02	SDB 11.51
Amounts of precipitation	.02	.01							T	.01	T	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	6	8	11	15	16	20	23	24	28	27
Maximum velocities (exceeding 24 miles) direction and time									27 SW 8:33	31 SW 9:10	32 SW 10:08	30 SW 11:00

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	31	30	30	30	29	28	28	28	28	28
Nature of precipitation and time of beginning and ending						SDE 5.45		SDB 7.20	SDE 8.10			
Amounts of precipitation			T					T	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	W	W	W	W	W	W	W	W	NW	NW
Wind movement	23	22	22	23	24	21	19	17	14	14	14	13
Maximum velocities (exceeding 24 miles) direction and time	28 SW 12:30	26 SW 1:19	27 W 2:32	26 W 3:01	28 W 4:15							

Sunrise: Time, 6.03 Character, Cloudy
Moonrise:
Sunset: Time, 6.19 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

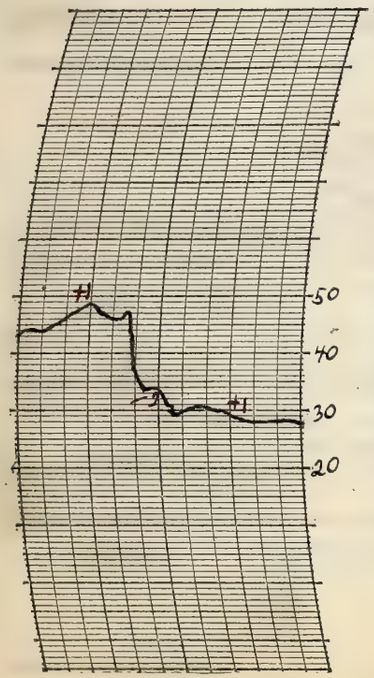
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	28	39	

Total depth of snow for 24 hours ending 7 p.m., T inches.
Snow, sleet, and hail on ground 7 p.m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a.m., .16 ins.; to 7 p.m., .01 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 412
Average hourly velocity, 17.2 Extreme velocity, 35
Maximum velocity, 32 Direction, SW
Time began, 10:08 a.m.
Reduced barometer, 29.42 7a.m. 29.94 7p.m.
River gage, 3.2 feet
Relative humidity, 88 7a.m. 83 7p.m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 30.2
Dew-point, 27 R. humidity, 81 V. pressure, .143
Clouds: Amount, 10; Kind, st cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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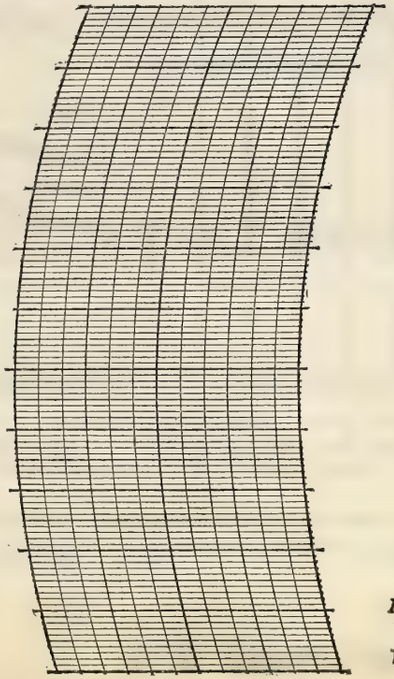
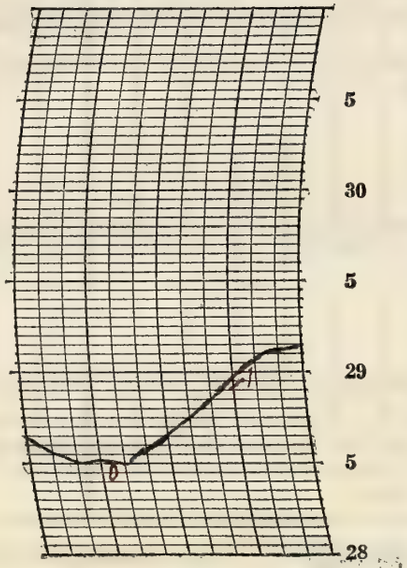


BAROGRAPH.



Prepared by EJS
Verified by E. L. H.

8—486

NOTES

A rather unpleasant day with rain or snow falling the greater portion of the time and winds of a strong strength blowing between 8:00 a.m. and 5:00 p.m. and the daily winds varied from strong to light with a westerly direction prevailing. Temperatures commenced falling during the later half of the morning and, as a rule, continued falling into the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) April 15, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	26	26	25	27	28	29	31	32	34	34	35	36	37	37	36	36	35	33	33	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt Cldy	×	Clear	←	Pt Cldy	×							Clear						→
Sunshine (in tenths of hours)						0.97 0	0.5 0.5	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6 0.2	0.33 0					
Wind direction	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	NE
Wind movement	11	11	11	12	9	10	12	11	11	11	9	10	8	8	6	7	6	6	5	4	4	3	3	4
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 5:02 Character, Clear
Moonrise:
Sunset: Time, 6:20 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

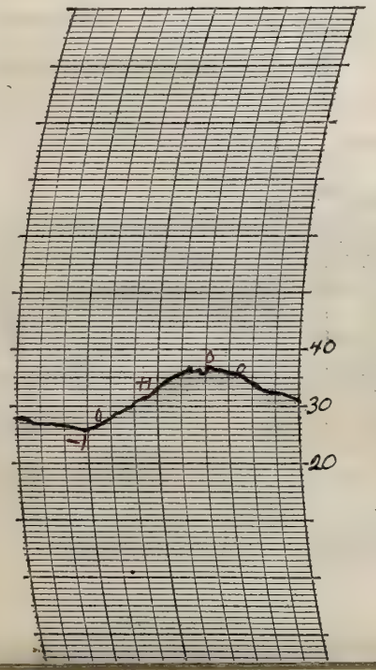
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	25	31	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.7 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 95
Prevailing wind direction, N & NW Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 3:04 a.m.
Reduced barometer, 30.20 7 a. m. 30.20 7 p. m.
River gage, 3.5 feet
Relative humidity, 63 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.2 Wet temperature, 27.7
Dew-point, R. humidity, 40 V. pressure,
Clouds: Amount, 4; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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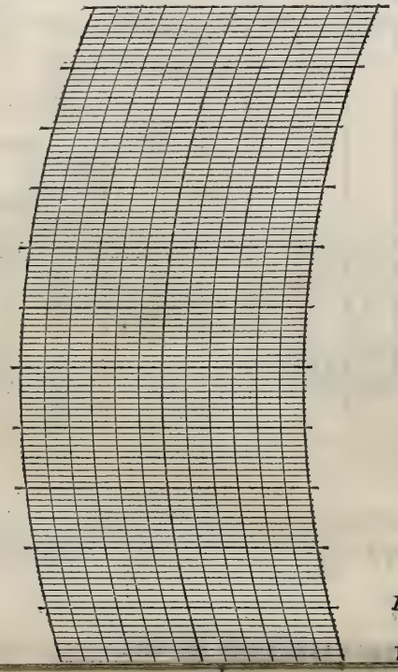
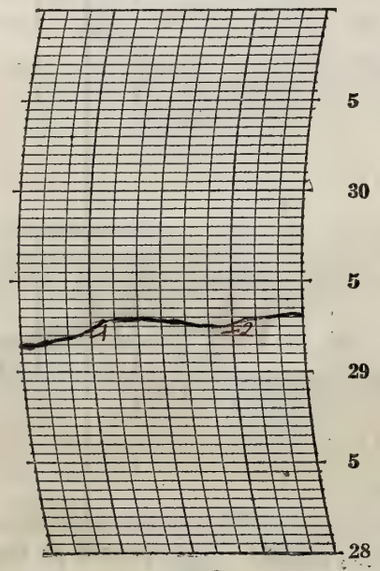


BAROGRAPH.



Prepared by EJ.
Verified by E.L.H.

NOTES

It was a clear pleasant day with a rather cool wind. The clouds were mostly cumulus varying from clear to partly cloudy. The stars were visible during the evening. Temperatures rose until several hours before sunset and then fell slowly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) April 16, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	28	29	29	34	38	42	43	43	46	46	47	47	48	47	46	45	45	45	44	43
State of weather: Nature of precipitation and time of beginning and ending																					RB 8:30 RE 8:40			
Amounts of precipitation																					T			
Cloudiness and other conditions					←			Cloudy							Pt. Cldy				Cloudy					→
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	0.9	1.0	0.6	0.4	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	SE	SE	S	SW	SW	SW	SW	SW	S	S	SW	SE	SE	SE	SE	S	SW
Wind movement	4	3	3	3	3	3	3	5	7	10	9	8	7	7	8	8	5	3	4	5	4	5	5	7

Sunrise: Time, 5:00 Character, Cloudy
Moonrise:
Sunset: Time, 6:21 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

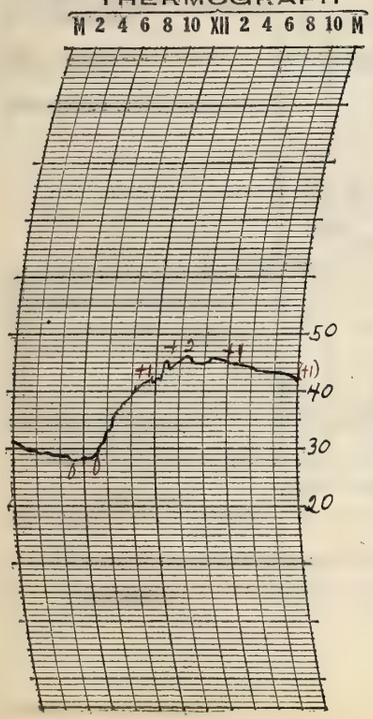
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	28	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.7 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 50
Prevailing wind direction, E & SW Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 9:26 a.m.
Reduced barometer, 30.30 7a. m. 30.12 7p. m.
River gage, 3.3 feet
Relative humidity, 78 7a. m. 52 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.4 Wet temperature, 35.8
Dew-point, 24 R. humidity, 46 V. pressure, 1.24
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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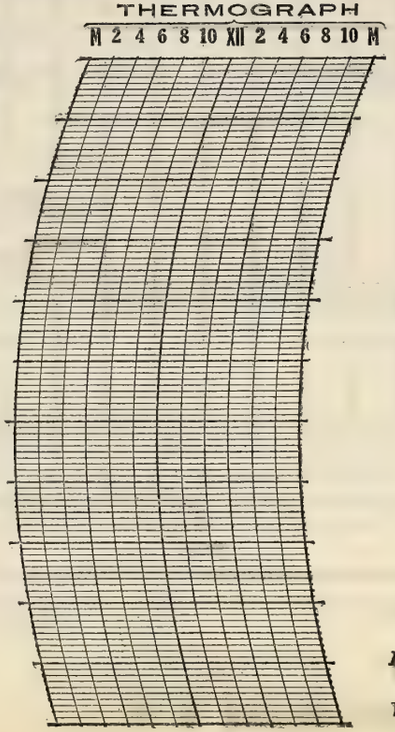

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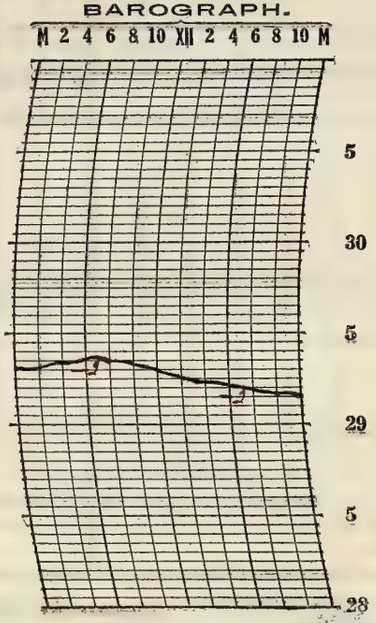


Prepared by E.H.
Verified by E. L. H.

8—486

NOTES

A light frost occurred in the morning. Below freezing temperatures were experienced during the early part of the morning. It warmed up through the day and remained nearly the same in the evening. It was cloudy with a period of part cloudy shortly after noon. The stars were visible between the clouds part of the evening. A light sprinkle fell between 8:30 p.m and 8:40 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) April 17, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	38	37	36	36	36	36	37	39	42	45	46	48	50	51	51	50	48	45	44	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy				→ Pt Cldy ←								Clear							→
Sunshine (in tenths of hours)					0	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.3	0					
Wind direction	SW	SW	N	N	N	N	N	N	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	E	E	E	SE	SE
Wind movement	6	6	6	7	7	6	6	7	10	10	8	7	6	7	6	6	5	5	3	4	4	4	5	6
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 4:58 Character, Cloudy
Moonrise:
Sunset: Time, 6:23 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

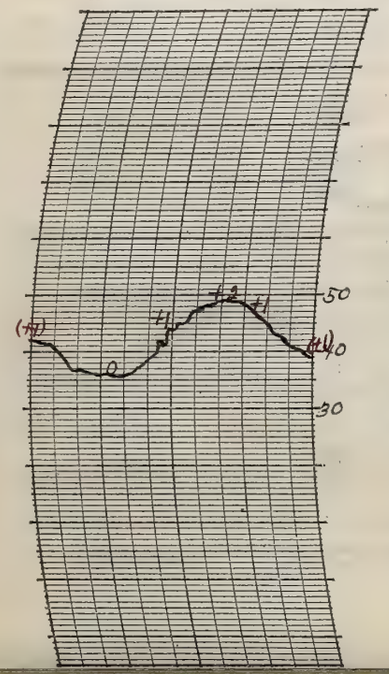
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 67
Prevailing wind direction, NE Total wind, 147
Average hourly velocity, 6.1 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 9:10 a.m.
Reduced barometer, 30.20 7 a. m. 30.16 7 p. m.
River gage, 3.3 feet
Relative humidity, 82 7 a. m. 41 7 p. m.

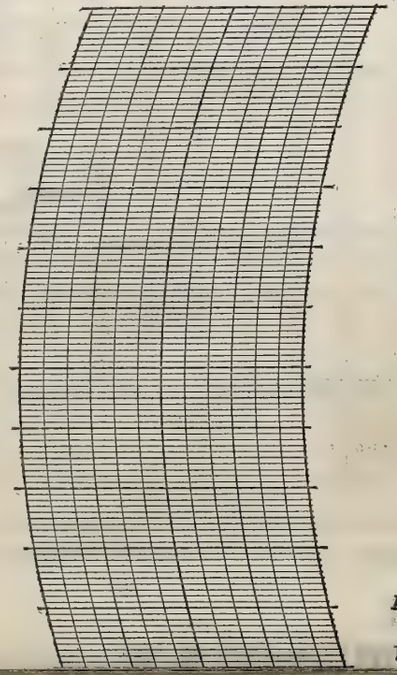
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.2 Wet temperature, 37.4
Dew-point, 27 R. humidity, 46 V. pressure, 143
Clouds: Amount, 3; Kind, ci; Direction, N
Velocity of clouds (miles per hour)

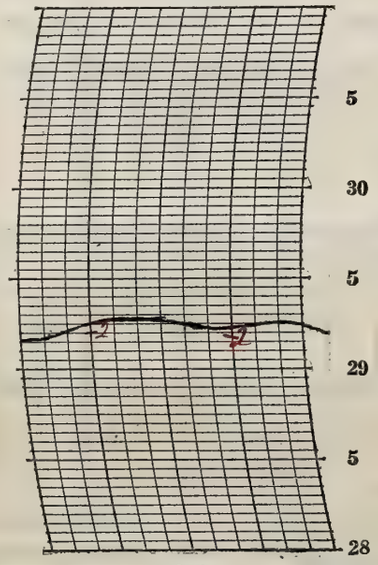
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. J.
Verified by E. L. H.

NOTES

There was a heavy frost in the morning. It warmed up during the day and remained fairly nice in the evening. The stars were visible in the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) April 18, 1928

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	35	36	38	42	46	51	56	58	65	68	68	67	65	64	63	64	66	65	64	68
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:35 RE 7:40			RB 10:15 RE 10:50	
Amounts of precipitation																				T			.01	
Cloudiness and other conditions					←				Clear				×	Pt. Cldy			×		Cloudy					→

Sunrise: Time, 4:57 Character, Clear
Moonrise:
Sunset: Time, 6:23 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	SE	S	SW	SW	SW	SW
Wind movement	5	6	3	4	4	6	8	10	11	10	11	9	12	13	15	15	14	9	8	13	18	24	24	19
Maximum velocities (exceeding 24 miles) direction and time																						26 SW 9:39	28 SW 10:04	27 W 11:21

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

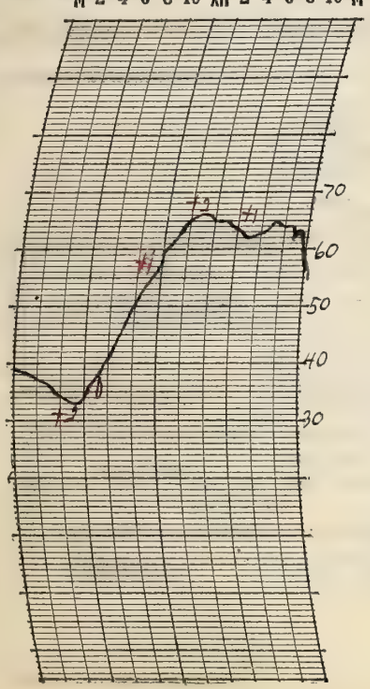
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	35	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.6 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 72
Prevailing wind direction, SE Total wind, 271
Average hourly velocity, 11.3 Extreme velocity, 29
Maximum velocity, 28 Direction, SW
Time began, 10:04 p.m.
Reduced barometer, 30.08 7 a. m. 29.53 7 p. m.
River gage, 3.2 feet
Relative humidity, 74 7 a. m. 55 7 p. m.

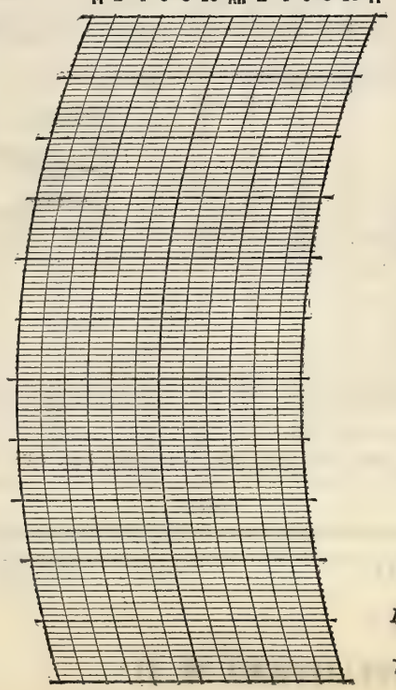
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.1 Wet temperature, 48.9
Dew-point, 40 R. humidity, 51 V. pressure, 242
Clouds: Amount, 3; Kind, cast; Direction, SW
Velocity of clouds (miles per hour)

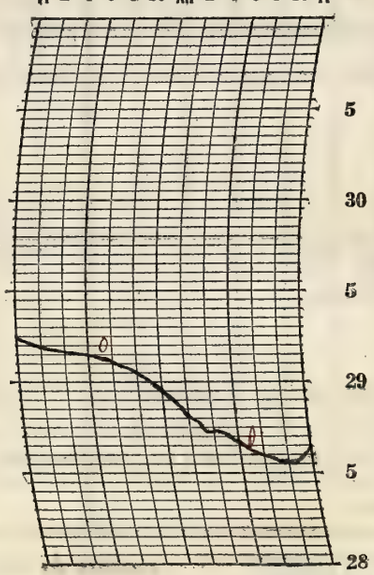
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.H.
Verified by E.J.H.

8—486

NOTES

There was a heavy frost in the morning. Temperatures climbed rapidly during the day and remained quite high in the evening. A light rain occurred shortly after mid evening. Soon after it ended the stars were visible between the clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April 19, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	48	47	43	42	40	40	41	40	41	43	45	46	45	44	42	39	37	35	34	33	33	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			×	Pt Cldy		×		Clear				×	Pt	Cldy					→
Sunshine (in tenths of hours)					0	0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	SW	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	N	N	N	N	N
Wind movement	16	16	19	18	19	16	18	18	23	23	21	19	18	18	16	16	14	15	11	10	8	7	5	5
Maximum velocities (exceeding 24 miles) direction and time			25 W 2:44		26 W 4:26				28 W 8:06	27 W 9:05	26 W 10:03													

Sunrise: Time, 4:36 Character, Cloudy
Moonrise: 4:55 am
Sunset: Time, 6:24 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

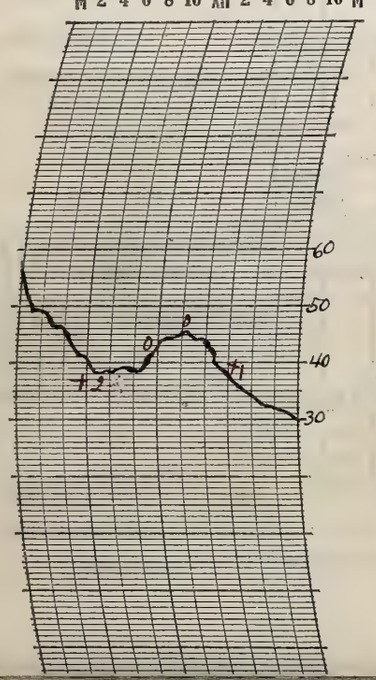
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	31	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, New - 11:25 pm
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.4 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 62
Prevailing wind direction, W Total wind, 369
Average hourly velocity, 15.4 Extreme velocity, 31
Maximum velocity, 28 Direction, W
Time began, 8:06 2 m.
Reduced barometer, 29.78 7 a. m. 30.08 7 p. m.
River gage, 2.1 feet
Relative humidity, 76 7 a. m. 63 7 p. m.

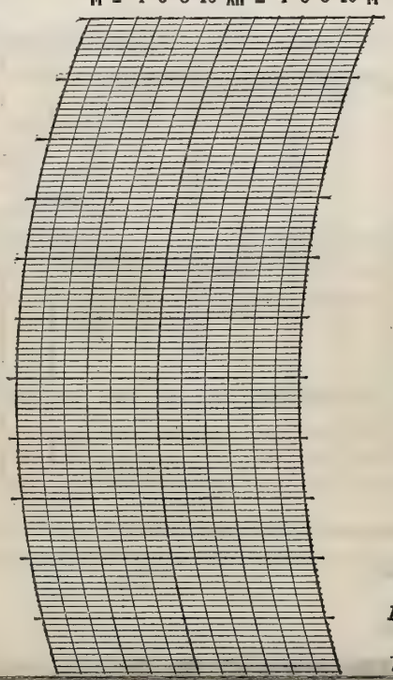
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.9 Wet temperature, 36.4
Dew-point, 27 R. humidity, 52 V. pressure, .143
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

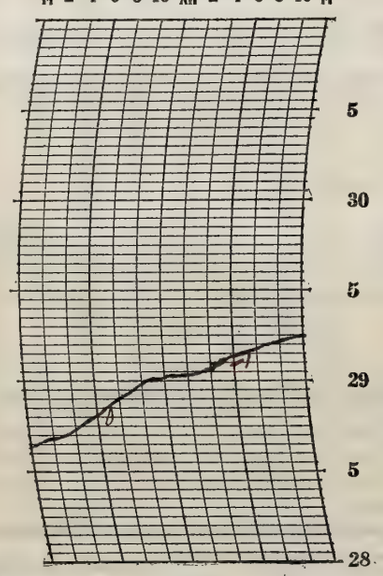
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible] H

NOTES

Temperatures were much cooler in the evening having showed a downward trend most of the day. There was a beautifully colored sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) April 20, 1928

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	28	29	30	31	34	36	39	42	44	47	48	49	50	49	48	44	41	39	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy				× Pt. Cldy			×	Pt Clear	× Cldy	× Clear	Pt.	Cldy		×	—	Cloudy →			
Sunshine (in tenths of hours)					0	0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	N	N	N	N	N	N	NE	NE	E	NE	NE	NE	E	E	NE	E	E	E	E	E	E	E	NE	NE
Wind movement	6	6	6	4	8	7	8	7	8	7	7	6	6	7	7	7	8	9	9	12	13	12	12	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:54 Character, Cloudy
Moonrise:
Sunset: Time, 6:26 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

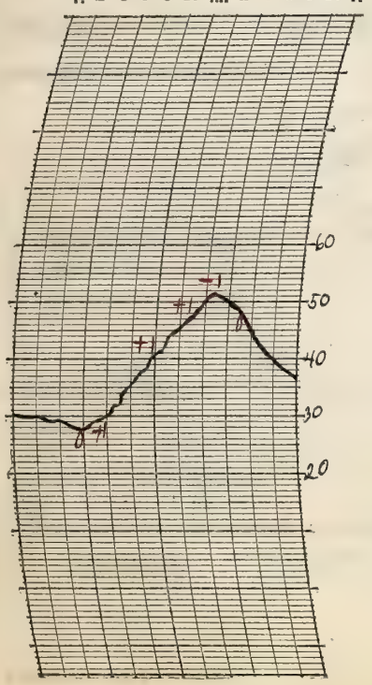
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	28	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, New 2nd day
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.4 Possible sunshine, hours, 13.25
Per cent of possible sunshine, 70
Prevailing wind direction, E Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 15
Maximum velocity, 15 Direction, NE
Time began, 11:20 p.m.
Reduced barometer, 30.26 7 a. m. 30.12 7 p. m.
River gage, 2.7 feet
Relative humidity, 70 7 a. m. 43 7 p. m.

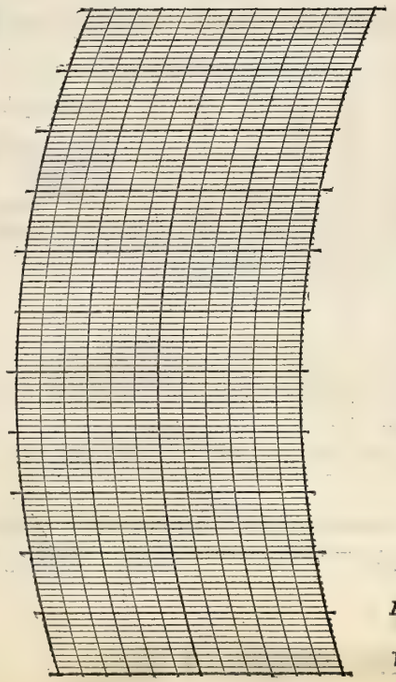
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.6 Wet temperature, 35.2
Dew-point, 26 R. humidity, 51 V. pressure, 1.36
Clouds: Amount, 3; Kind, Ci; Direction, W
Velocity of clouds (miles per hour)

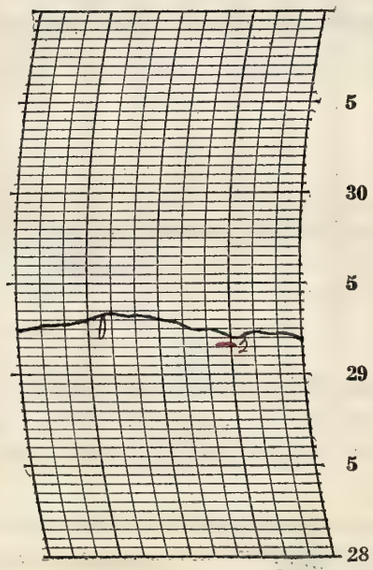
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by DJ
Verified by E. L. H.

8—486

NOTES

There was a light frost in the morning. Temperatures still remain below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) April 21, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	38	37	37	36	35	36	37	38	38	39	38	39	39	40	40	41	41	41	40	40	40
State of weather: Nature of precipitation and time of beginning and ending					RB 4.50	RE 5:30	RB 6.00								RE 2.04							RB 9:15 RE 9:30		
Amounts of precipitation					T	T	.06	.14	.08	.08	.18	.16	.08	.09	.01							T		
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	E	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	N	N	N	N	NE	N	NE	N	NE	NE	NE
Wind movement	11	13	13	13	13	12	14	14	16	16	18	19	18	15	18	16	13	13	11	9	8	8	7	6
Maximum velocities (exceeding 24 miles) direction and time											25 NE 10:40													

Sunrise: Time, 4:33 Character, Cloudy
Moonrise:
Sunset: Time, 6:27 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

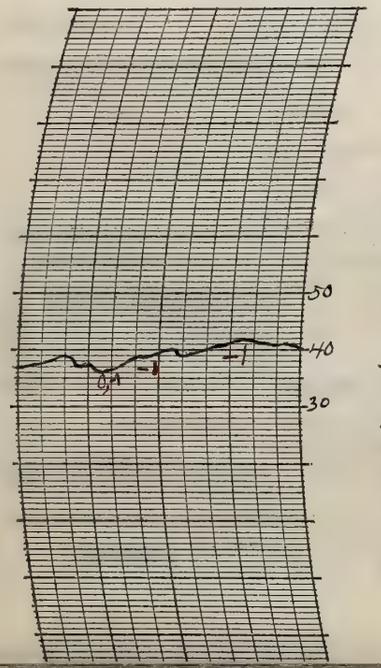
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	35	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .85 ins.
Total precipitation, midnight to midnight, .88 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 314
Average hourly velocity, 13.1 Extreme velocity, 27
Maximum velocity, 25 Direction, NE
Time began, 10:46 a.m.
Reduced barometer, 29.97 7 a. m. 29.86 7 p. m.
River gage, 2.5 feet
Relative humidity, 82 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.4 Wet temperature, 38.4
Dew-point, 38 R. humidity, 100 V. pressure, .228
Clouds: Amount, 10; Kind, stcu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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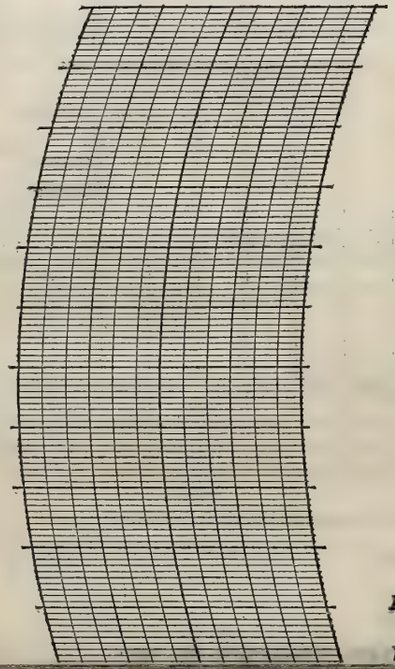
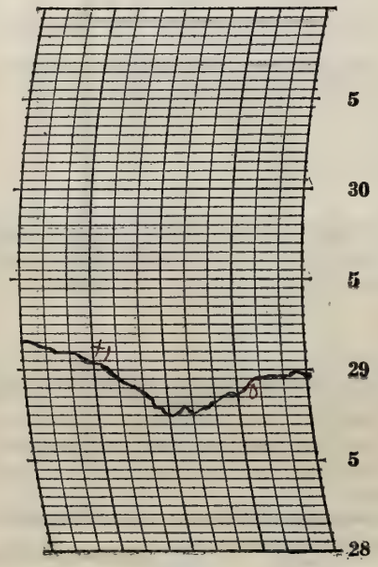


BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H

NOTES

Temperatures remained nearly the same throughout the day. It began raining in the early morning and continued until mid afternoon. A light mist fell in the evening. The wind was rather cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) April 22, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	39	39	38	37	38	38	38	38	39	40	41	42	44	44	42	42	42	42	41	41	41
State of weather: Nature of precipitation and time of beginning and ending															RB 2:16 2:25									
Amounts of precipitation															T									
Cloudiness and other conditions													Cloudy											
Sunrise: Time, 4:51 Character, Cloudy																					Sunset: Time, 6:28 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	6	6	7	8	11	10	11	9	12	12	11	10	8	5	6	4	5	6	4	8	4	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	37	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 174
Average hourly velocity, 7.2 Extreme velocity, 15
Maximum velocity, 15 Direction, NE
Time began, 8:34 a m
Reduced barometer, 28.89 7 a. m. 29.85 7 p. m.
River gage, 5.4 feet
Relative humidity, 96 7 a. m. 84 7 p. m.

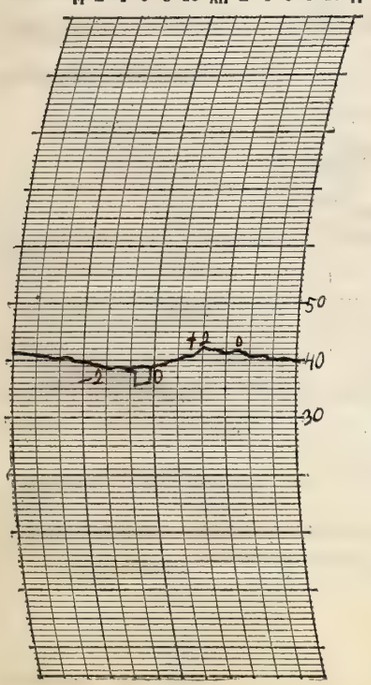
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

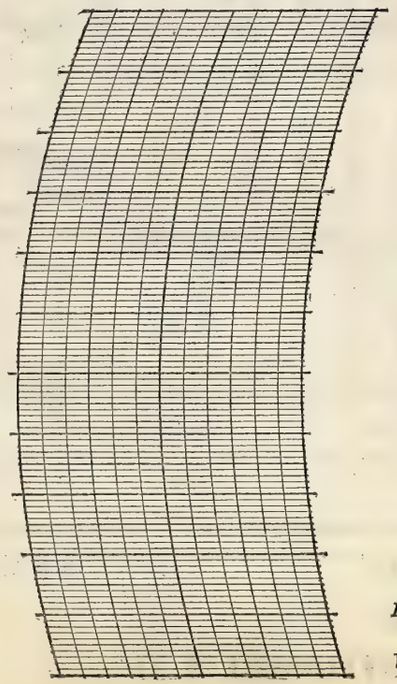
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.1 Wet temperature, 38.0
Dew-point, 37 R. humidity, 90 V. pressure, 217
Clouds: Amount, 10; Kind, stu; Direction, NE
Velocity of clouds (miles per hour)

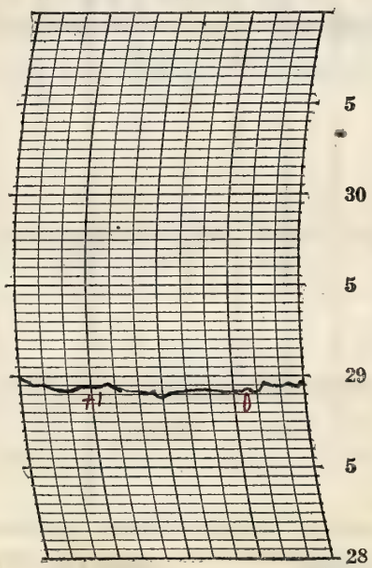
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
Verified by E. L. H.

8—486

NOTES

It was cloudy all day with a light sprinkle falling shortly after 2:00 p.m. Temperatures as a rule were slightly warmer than yesterday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) April 23, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	39	38	38	39	41	46	50	53	55	58	57	57	58	56	54	49	48	46	46	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cldy	Clear							Part Cloudy						Cldy	Cldy	Clear			
Sunshine (in tenths of hours)					0	0.1 0	0.2 0.1	1.0	1.0	1.0	0.9	1.0	0.6	0.1	1.0	1.0	1.0	0.1	0					
Wind direction	N	N	NW	NW	NW	NW	NW	W	W	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	SW
Wind movement	2	2	4	3	2	1	2	5	5	5	6	6	8	10	13	15	14	15	11	8	4	3	3	6
Maximum velocities (exceeding 24 miles) direction and time																								
Excessive precipitation, accumulated amounts																								

Sunrise: Time, 4:50; Character, Cloudy. Moonrise:

Sunset: Time, 6:29; Character, Cloudy. Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

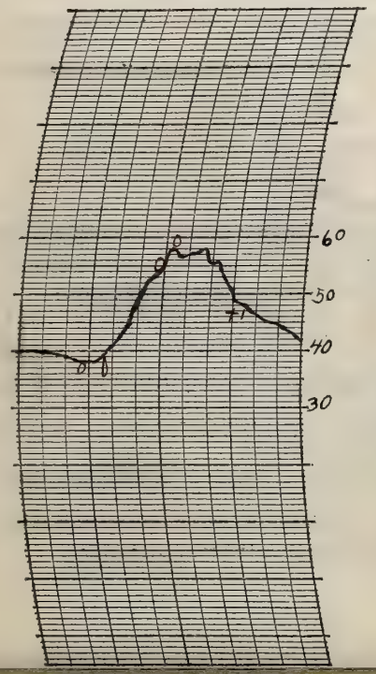
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	38	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 67
Prevailing wind direction, NW Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 5:03 p.m.
Reduced barometer, 29.84 7 a. m. 29.76 7 p. m.
River gage, 6.3 feet.
Relative humidity, 84 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 54.9 Wet temperature, 47.4
Dew-point, 40 R. humidity, 57 V. pressure, .247
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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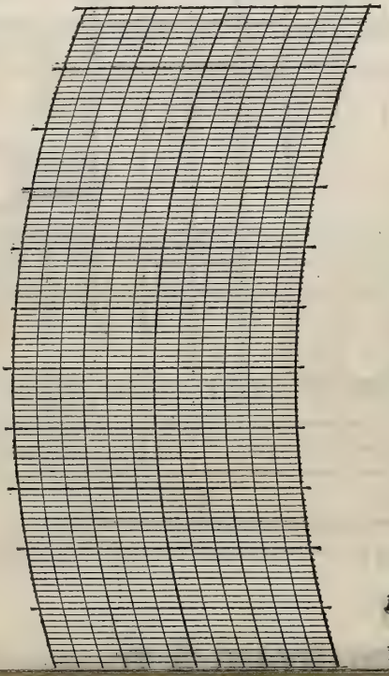
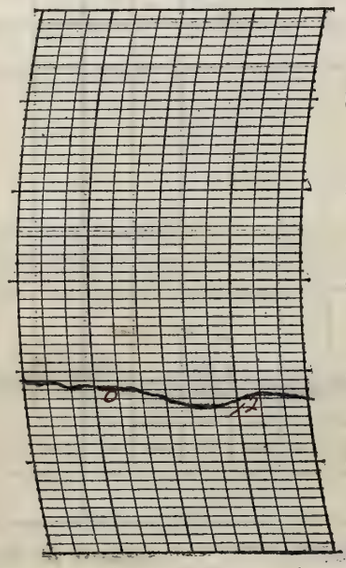


BAROGRAPH.



Prepared by CH

Verified by E.L.H

NOTES

The moon and stars were visible in the evening.

It was a pleasant day being partly cloudy as a rule. It cleared up in the evening and was slightly warmer than yesterday. Light to moderate westerly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) April 24, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	42	41	41	40	41	42	43	45	47	48
State of weather: Nature of precipitation and time of beginning and ending		RB DN2		RE DN2								
Amounts of precipitation		T	01	T								
Cloudiness and other conditions					Clear					PT Cldy		
Sunshine (in tenths of hours)					0.20 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	W	SW	SW	W	SW	W	W	W	W	W	W
Wind movement	6	6	8	9	11	7	12	15	15	14	15	15

Sunrise: Time, 4:48 Character, Clear

Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	46	44	42	39	38	38	37	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Clear			
Sunshine (in tenths of hours)	1.0	0.8	0.4	0.8	0.5	0	0					
Wind direction	W	W	W	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	17	18	19	21	19	18	12	14	11	10	10	10

Sunset: Time, 6:30 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles), direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 01 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.7 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 78

Prevailing wind direction, W Total wind, 312

Average hourly velocity, 13.0 Extreme velocity, 25

Maximum velocity, 24 Direction, NW

Time began, 3:26 p.m.

Reduced barometer, 29.76 7 a. m. 29.87 7 p. m.

River gage, 5.9 feet

Relative humidity, 73 7 a. m. 64 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

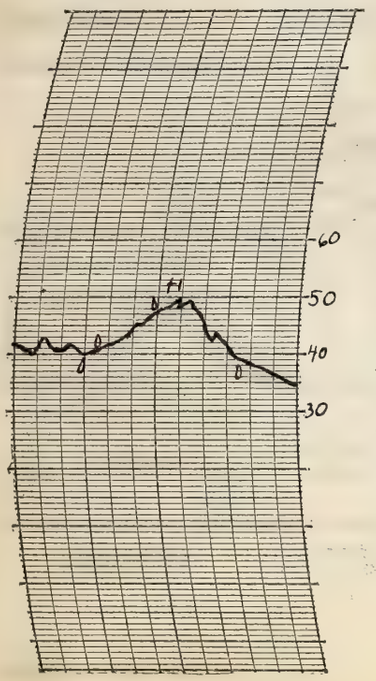
Dry temperature, 48.4 Wet temperature, 38.8

Dew-point, 25 R. humidity, 39 V. pressure, 130

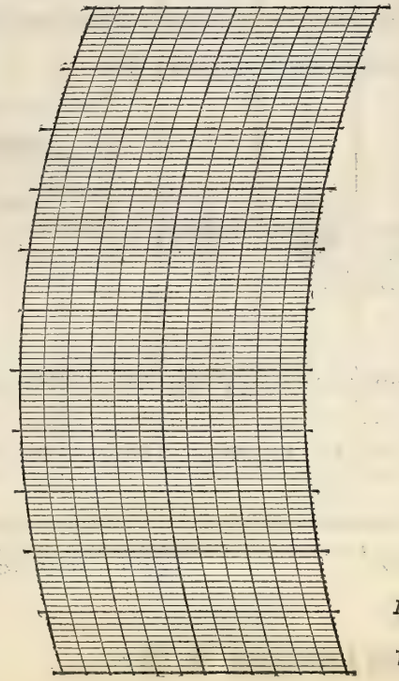
Clouds: Amount, 7; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

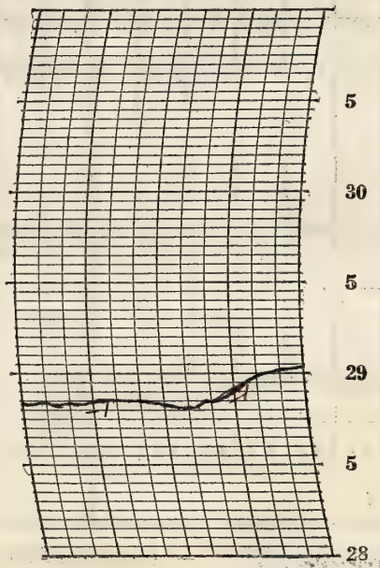
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. Hardy

8—496

NOTES

The moon and stars were visible in the evening. Temperatures were pleasant throughout the day becoming cooler in the evening. There was a light rain in the early morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Wednesday, (Date) April 25, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	32	32	37	39	40	42	42	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear		× Pt.		× Cloudy			
Sunshine (in tenths of hours)					0	0.2	1.0	0.6	0.4	0.3	0.1	0.2
Wind direction	W	W	W	SW	SW	SW	SW	W	W	W	W	W
Wind movement	9	8	7	4	5	5	6	7	10	12	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	44	44	43	42	40	39	37	35	34	34
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		× Pt.		Cloudy			× Clear					
Sunshine (in tenths of hours)	0.1	0.8	0.8	0.3	0.1	0.7	0.4 0					
Wind direction	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	13	13	14	14	15	11	8	7	7	7	6	6

State of weather.

Sunrise: Time, 4:47 Character, Cloudy

Moonrise:

Sunset: Time, 6:31 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.3 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 46

Prevailing wind direction, W Total wind, 219

Average hourly velocity, 9.1 Extreme velocity, 20

Maximum velocity, 18 Direction, NW

Time began, 4:13 p.m.

Reduced barometer, 30.07 7 a. m. 30.22 7 p. m.

River gage, 5.8 feet

Relative humidity, 64 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

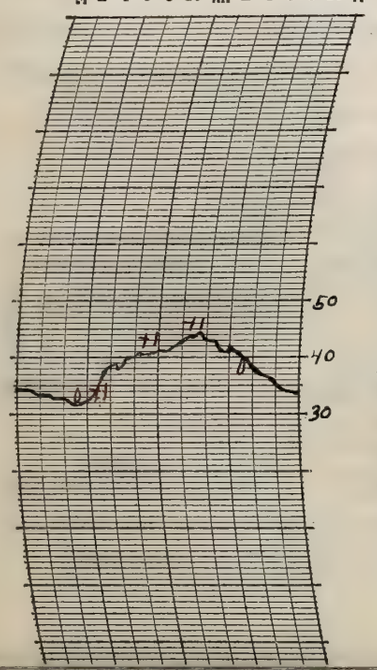
Dry temperature, 41.7 Wet temperature, 35.9

Dew-point, 28 R. humidity, 56 V. pressure, .150

Clouds: Amount, 2 8; Kind, Cu Strat; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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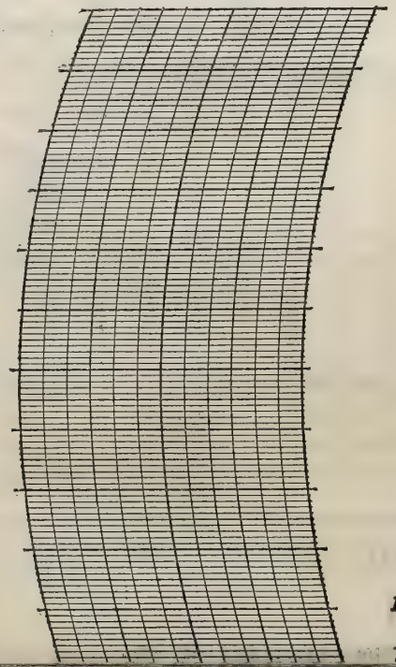
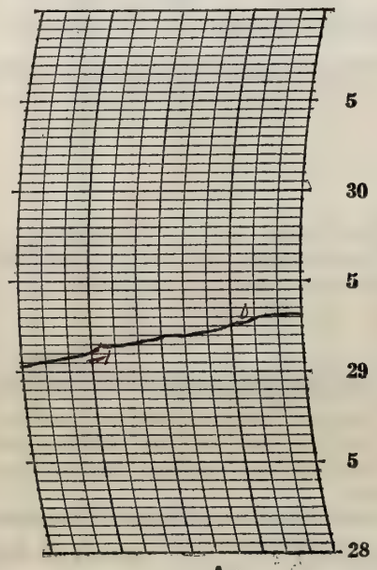


BAROGRAPH.



Prepared by C.H.

Verified by E. L. Harden

NOTES

There was a light frost in the morning. It rapidly became cloudy soon after 7:00 a.m. but cleared up in the afternoon. The moon and the stars were visible in the evening. Temperature were slightly cooler than yesterday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) April 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	30	31	34	36	39	43	47	48	49	49	45	46	45	46	45 RB 6:28	41	41 BF 8:50	39	34	32
Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			T	T	T			
Cloudiness and other conditions	← Clear											Pt Cldy	Cldy	Pt Cldy	Cloudy →									Pt Cldy
Sunshine (in tenths of hours)					0.25 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0.1	0	0	0					
Wind direction	W	NW	NW	W	NW	NW	N	N	NW	N	NW	NW	NW	NW	NW	NW	N	NE	N	NW	NW	SW	NW	NW
Wind movement	6	5	5	4	5	6	7	5	7	6	7	8	8	10	10	9	6	4	5	9	3	4	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:45 Character, Clear
Moonrise:
Sunset: Time, 6:32 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

State of weather.

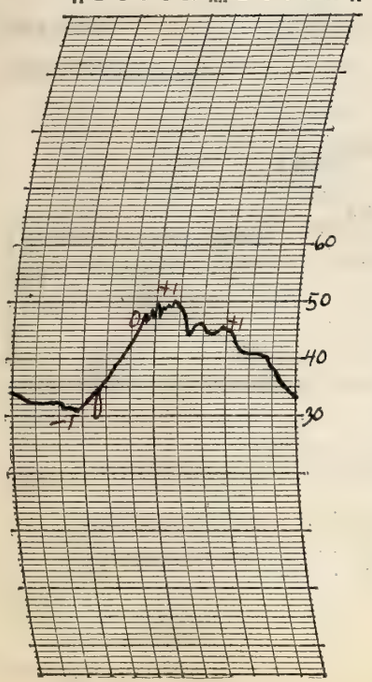
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	30	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, First - 3:42 pm
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 68
Prevailing wind direction, NW Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 3:00 p.m.
Reduced barometer, 30.29 7 a. m. 30.23 7 p. m.
River gage, 5.9 feet
Relative humidity, 79 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 38.9
Dew-point, 26 R. humidity, 40 V. pressure, .136
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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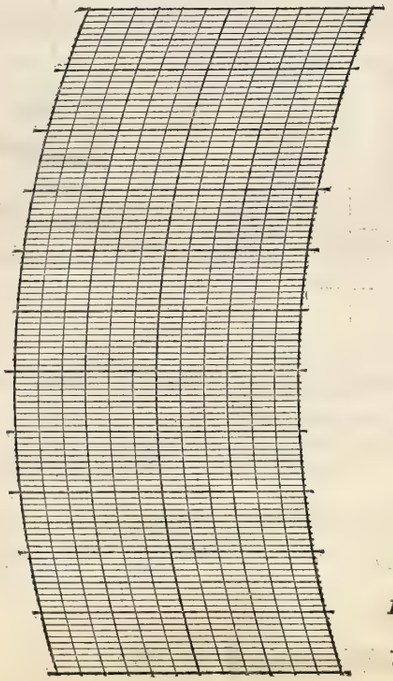
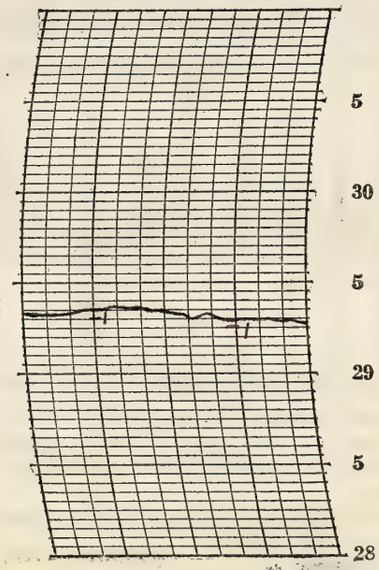


BAROGRAPH.



Prepared by C.J.
Verified by E. L. Hardy

8—486

NOTES

There was a heavy frost in the morning. Temperatures remain nearly the same as yesterday, growing cloudy towards the afternoon. A light rain fell in the evening and afterwards the moon was visible through the al-cu clouds.

Anemometer cleaned

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Friday, (Date) April 27, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	30	31	32	33	38	41	43	44	45	46	47	47	48	48	47	46	44	41	38	36	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear			×	PT	Cldy					×	Cldy				PT	Cldy	
Sunrise: Time, 4.44 Character, Cloudy																					Sunset: Time, 6.33 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0.4	0	0	0	0					
Wind direction	NW	NW	NW	NW	N	N	N	NE	NE	NE	NE	N	N	NE	N	N	N	N	N	N	N	N	NW	NW
Wind movement	5	5	4	5	5	6	7	11	13	15	14	13	12	14	13	13	12	10	10	7	7	5	9	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

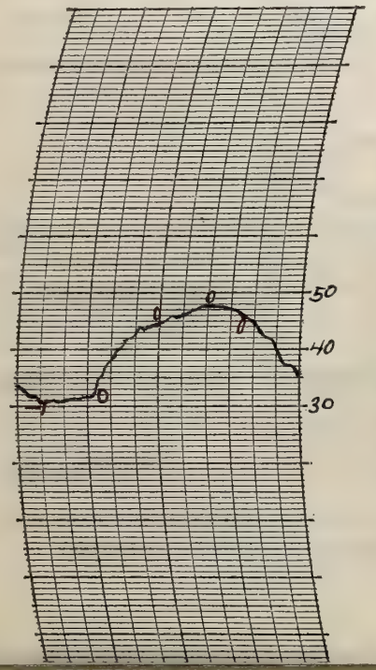
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	30	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PT Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.3 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 53
Prevailing wind direction, N Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 22
Maximum velocity, 19 Direction, N
Time began, 3.18 pm
Reduced barometer, 30.17 7 a. m. 30.07 7 p. m.
River gage, 5.2 feet
Relative humidity, 82 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.8 Wet temperature, 35.8
Dew-point, 22 R. humidity, 39 V. pressure, .113
Clouds: Amount, 8; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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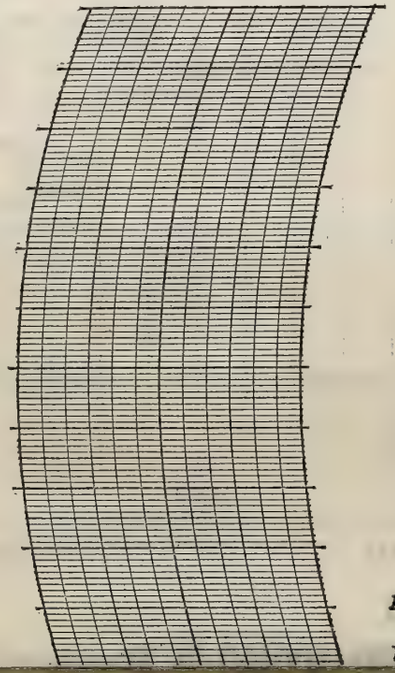
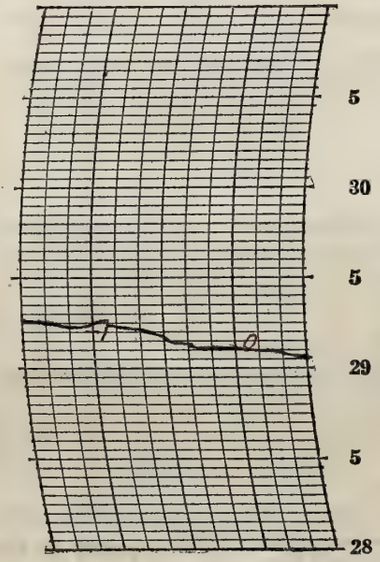


BAROGRAPH.



Prepared by J.H.

Verified by E. L. Hardy

NOTES

High clouds covered the face of the sun in the early morning. Temperatures have remained nearly the same as yesterday. It became cloudy towards the end of the afternoon but in the evening it commenced clearing up. A 22° Lunar halo was observed and the stars were visible.

A heavy frost occurred in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) April 28, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	32	33	36	41	45	47	50	52	55	56	58	58	58	56	54	51	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.28 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.57 0					
Wind direction	N	NW	N	N	N	NW	N	NW	NW	N	N	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W
Wind movement	5	6	6	6	6	7	10	11	13	13	14	15	14	14	15	16	18	15	10	8	6	8	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:43 Character, Clear
Moonrise:
Sunset: Time, 6:34 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

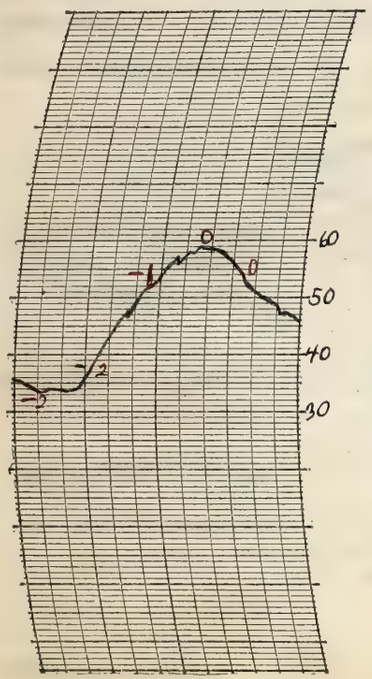
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	32	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 13.8 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 251
Average hourly velocity, 10.5 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 4:22 pm
Reduced barometer, 29.96 7a. m. 29.78 7p. m.
River gage, 7.6 feet
Relative humidity, 56 7a. m. 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.1 Wet temperature, 39.3
Dew-point, 20 R. humidity, 26 V. pressure, 103
Clouds: Amount, Few; Kind, Ci; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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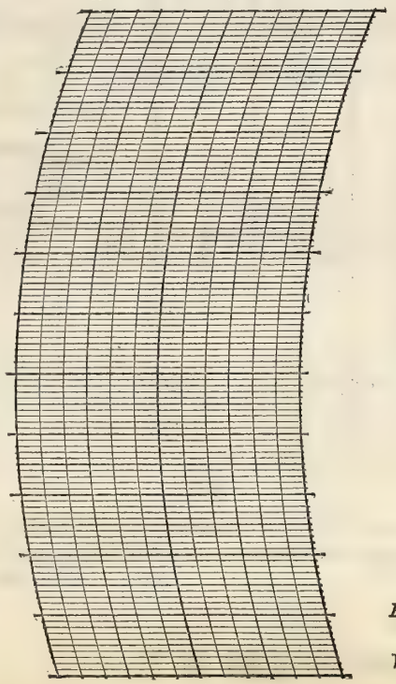
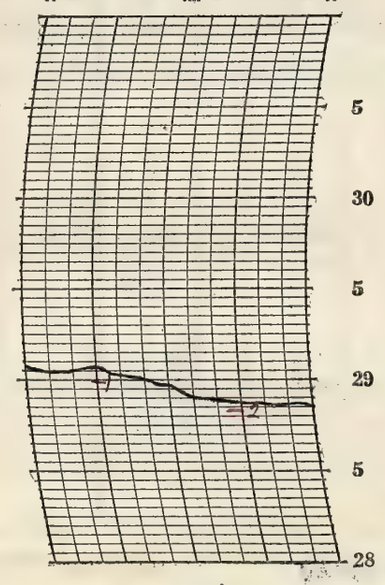


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. Hardy

8—480

NOTES

It was a clear day with the stars visible in the evening. Light to moderate N to west wind prevailed. Although warmer temperatures prevailed than on yesterday, it was still below the seasonal average.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Sunday, (Date) April 29, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	42	42	41	45	54	59	63	66	63	59 RB 12.45	62 RE 1.18	64	63	65	65	63	61	60	60	58 RB 10.00	57 RE 2N p
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation													T	T									.05	T
Cloudiness and other conditions					← Clear							NX Cldy			Cloudy									→
Sunshine (in tenths of hours)					0.32 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0	0.5	0.9	0.1	0.1	0.1	0					
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	S	S	S	S	SW	SW
Wind movement	7	5	6	6	6	7	8	8	10	12	14	17	13	11	18	17	17	15	14	14	12	14	20	12
Maximum velocities (exceeding 24 miles) direction and time																							25 SW 10:55	

Sunrise: Time, 4:41 Character, Clear
Moonrise:
Sunset: Time, 6:35 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

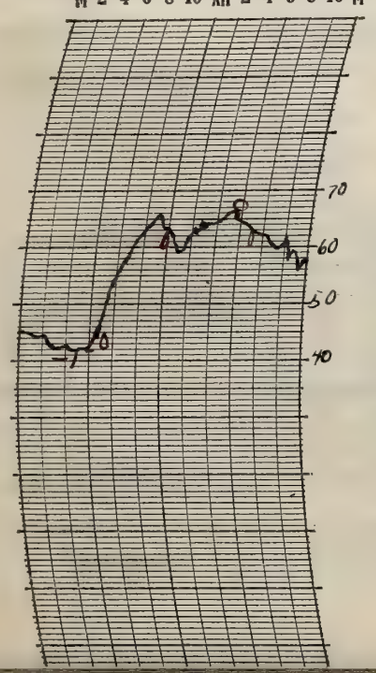
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind, 283
Average hourly velocity, 11.8 Extreme velocity, 28
Maximum velocity, 25 Direction, SW
Time began, 10:55 p.m.
Reduced barometer, 29.76 7 a. m. 29.46 7 p. m.
River gage, 3.8 feet
Relative humidity, 48 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.1 Wet temperature, 48.1
Dew-point, 31 R. humidity, 30 V. pressure, .172
Clouds: Amount, 2/8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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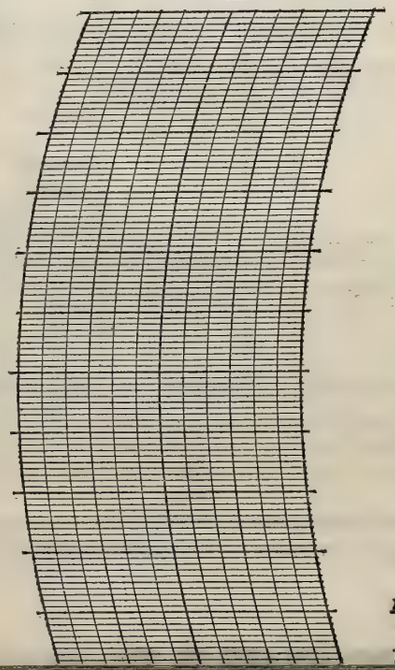
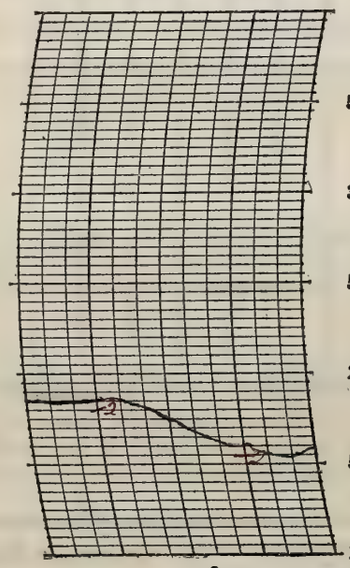


BAROGRAPH.



Prepared by C.F.
Verified by C.L.A.

NOTES

It was clear during most of the morning becoming cloudy by afternoon. Temperatures were close to normal and warmer than yesterday. A light rain fell shortly after noon and another one in the late evening. Light to fresh southerly winds prevailed reaching the force of a strong wind in the late evening. The river continues to fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) April 30, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	52	51	51	52	54	56	57	58	60	61
Nature of precipitation and time of beginning and ending												RB 11:42
Amounts of precipitation												T
Cloudiness and other conditions					←		Pt.	Cloudy				×
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	0.7
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	9	8	11	11	12	13	12	15	21	19	15	17

Sunrise: Time, 4:40 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	62	56	60	62	61	59	58	56	55	54	52
Nature of precipitation and time of beginning and ending	RE 12:45		RB 2:51 RE 2:59									
Amounts of precipitation	T		T									
Cloudiness and other conditions			Cloudy		×			Pt.	Cldy			→
Sunshine (in tenths of hours)	0.3	0.8	0.5	0.4	0	0	0					
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	15	16	20	11	13	17	12	9	9	10	8	7

Sunset: Time, 6:36 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 25 W 1:30; 38 NW 2:50

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	51	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.2 Possible sunshine, hours, 13.9

Per cent of possible sunshine, 72

Prevailing wind direction, W & SW Total wind, 310

Average hourly velocity, 13.0 Extreme velocity, 29

Maximum velocity, 28 Direction, NW

Time began, 2:50 pm

Reduced barometer, 29.60 7 a. m. 29.71 7 p. m.

River gage, 3.5 feet

Relative humidity, 57 7 a. m. 38 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

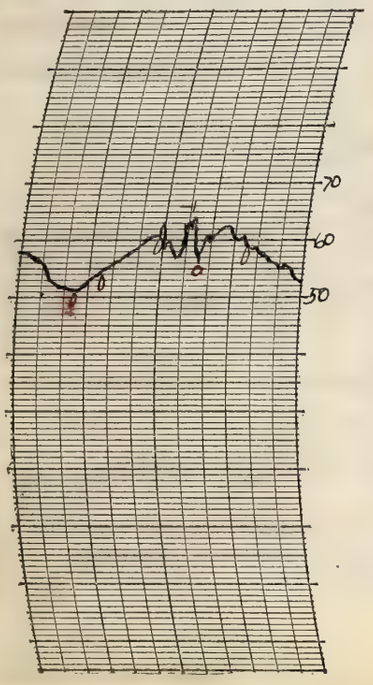
Dry temperature, 60.7 Wet temperature, 48.9

Dew-point, 38 R. humidity, 41 V. pressure, .228

Clouds: Amount, 10; Kind, stcu; Direction, W.

Velocity of clouds (miles per hour)

THERMOGRAPH



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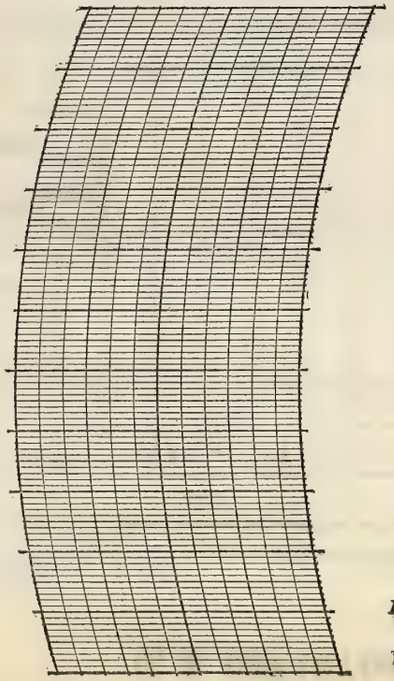
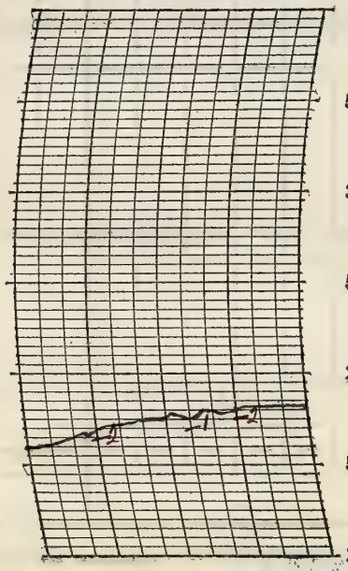


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. Hardy

8—486

NOTES

The moon was visible in the evening. Stars could be seen shining between the clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 1, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	50	49	47	46	48	50	48	50	51	53	57	60	62	64	63	63	60	58	56	56	56	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy					→	Pt Cldy				Clear							→
Sunrise: Time, 4:39 Character, Cloudy																					Sunset: Time, 6:37 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0.4	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0					
Wind direction	W	W	W	NW	W	W	W	NW	NW	NW	NW	W	W	W	W	W	NW	NW	NW	W	W	W	W	SW
Wind movement	7	8	12	13	9	9	9	13	13	13	12	12	12	12	14	15	14	12	8	5	6	3	3	4
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

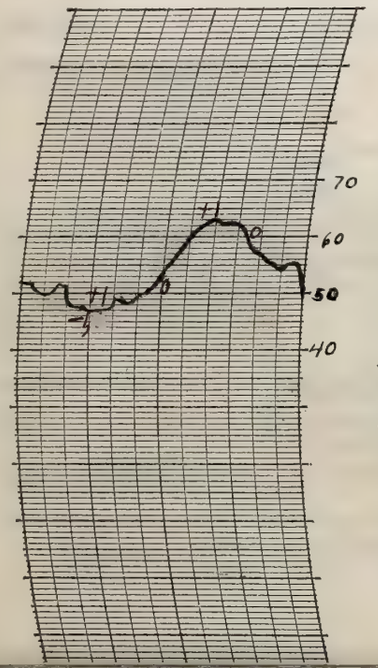
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	46	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.8 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 63
Prevailing wind direction, W Total wind, 238
Average hourly velocity, 9.9 Extreme velocity, 91
Maximum velocity, 20 Direction, NW
Time began, 4:12 p.m.
Reduced barometer, 29.83 7 a. m. 29.95 7 p. m.
River gage, 3.0 feet
Relative humidity, 80 7 a. m. 34 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 46.1
Dew-point, 39 R. humidity, 58 V. pressure, 237
Clouds: Amount, 6; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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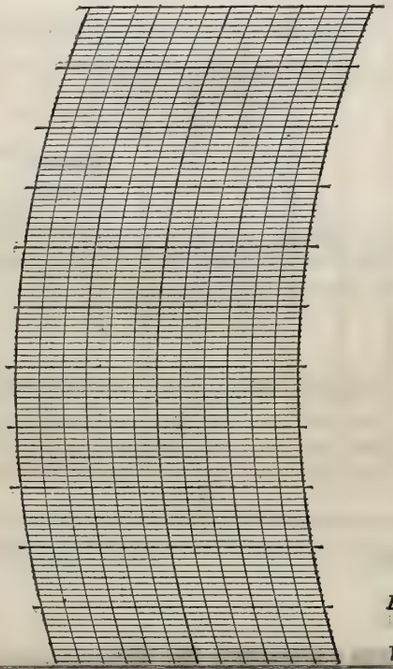
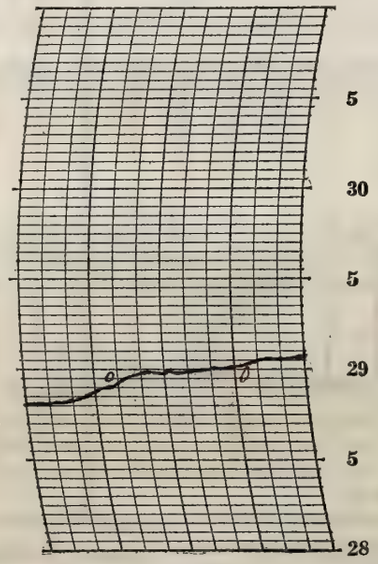


BAROGRAPH.



Prepared by C.J.S.

Verified by E. L. Hardy

NOTES

The moon was visible in the evening. It was a fair day with comfortable temperatures. It became clear during the day and the stars were seen in the evening.

Light to fresh westerly winds prevailed being fresh early in the morning and the later part of the afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 2, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	49	50	50	51	50	58	62	68	71	73	74	77	79	80	80	80	78	75	71	69	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunrise: Time, 4:37 Character, Clear																					Sunset: Time, 6:38 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.38 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.4	0.63 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	5	3	3	2	2	3	2	4	6	7	7	7	8	7	8	8	8	6	5	8	9	8	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

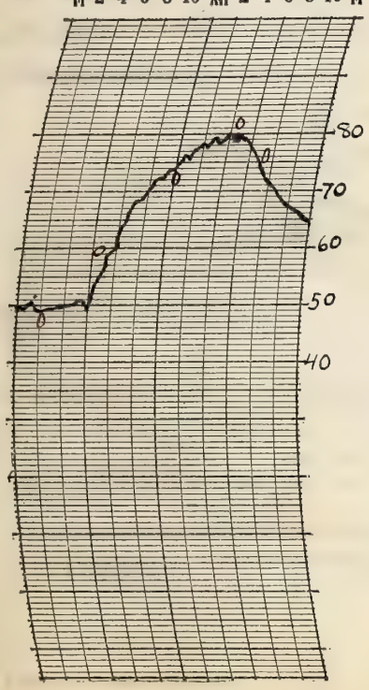
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	49	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind, 141
Average hourly velocity, 5.9 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 3:16 p.m.
Reduced barometer, 30.10 7a. m. 30.03 7p. m.
River gage, 2.7 feet
Relative humidity, 38 7a. m. 44 2p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.2 Wet temperature, 54.9
Dew-point, 37 R. humidity, 29 V. pressure, .219
Clouds: Amount, Few; Kind, cirr; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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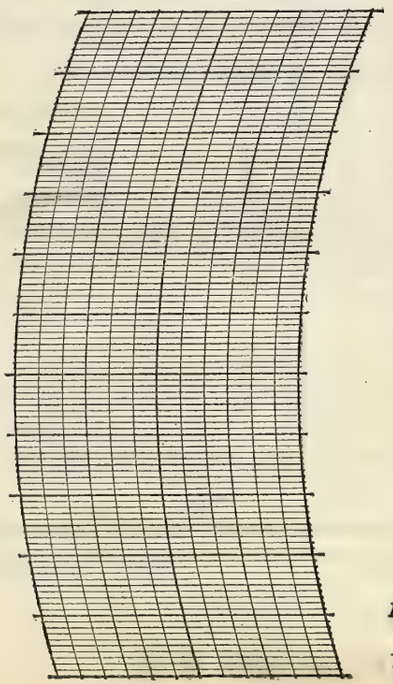
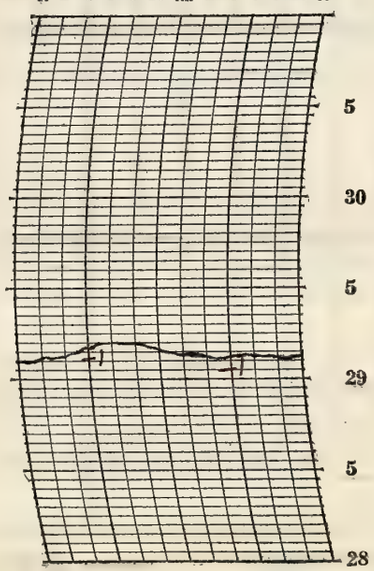


BAROGRAPH.



Prepared by E. L. Hardy

Verified by

8—486

NOTES

The moon and the brighter stars were visible in the evening.

It was quite a warm day being considerable above normal. It was clear all day with some clouds near sunset and into the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 3, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	57	57	58	60	62	68	72	76	80	82	84	86	86	85	82	79	75	74	72	69	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy					×	PC	Cldy	×				Clear							→
Sunshine (in tenths of hours)					0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0	0					
Wind direction	S	S	S	SW	S	S	S	SW	SW	SW	SW	SW	SW	S	S	SW	S	SW	S	S	S	S	S	SW
Wind movement	9	12	11	7	9	9	7	9	13	14	15	13	14	15	14	12	14	11	8	7	9	9	9	7
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 4:36 Character, Cloudy
Moonrise:

Sunset: Time, 6:39 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

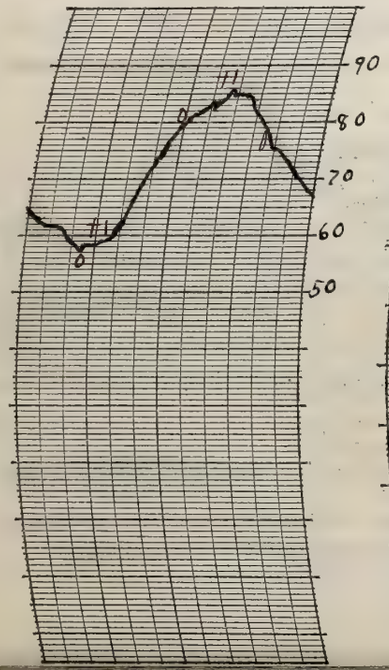
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	57	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PT Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.6 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 69
Prevailing wind direction, S Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 20
Maximum velocity, 18 Direction, S
Time began, 1:12 p.m.
Reduced barometer, 30.11 7 a. m. 30.01 7 p. m.
River gage, 2.5 feet
Relative humidity, 51 7 a. m. 33 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.1 Wet temperature, 60.4
Dew-point, 46 R. humidity, 30 V. pressure, .310
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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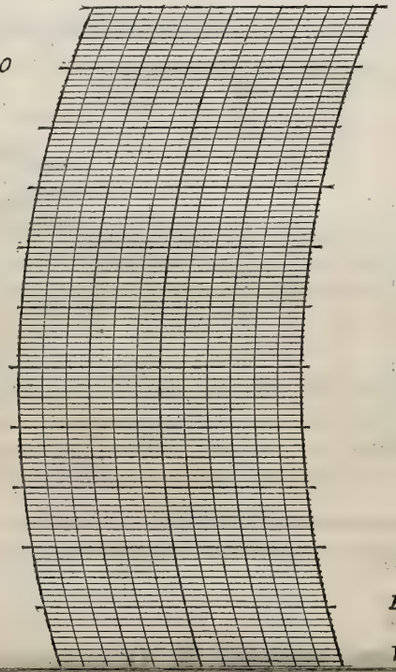
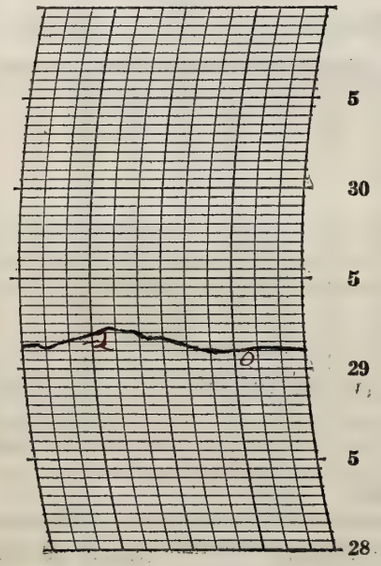


BAROGRAPH.



Prepared by EJS.
Verified by E. L. Hardy

NOTES

The moon and the brighter stars were visible in the evening.
There were quite unusually warm temperatures throughout the day.
It was cloudy in the early morning and became clear during the day.
Gentle to moderate southerly winds prevailed throughout the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 4, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	61	60	60	65	71	75	78	80	81	81	82	83	82	75	70	64	64	64	64	68	67
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:30 RE 4:54	RB 5:40						
Amounts of precipitation																	07	09	12	T	T	T	06	01
Cloudiness and other conditions					←			Cloudy					×	Pt Cldy	×				Cloudy					→

Sunrise: Time, 4:35 Character, Cloudy

Moonrise:

Sunset: Time, 6:40 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	S	S	S	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	S	S	SW	SW	SW
Wind movement	6	7	8	8	10	9	8	11	14	19	19	17	18	18	21	19	16	13	7	9	9	11	11	9
Maximum velocities (exceeding 24 miles) direction and time																	26 SW 4:30							

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .35 inches.
Character of day, Pt. Cldy. Moon phase, Full - 2:12 pm
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind, 297
Average hourly velocity, 12.4 Extreme velocity, 29
Maximum velocity, 26 Direction, SW
Time began, 4:30 pm
Reduced barometer, 30.00 7 a. m. 29.93 7 p. m.
River gage, 2.3 feet
Relative humidity, 50 7 a. m. 95 7 p. m.

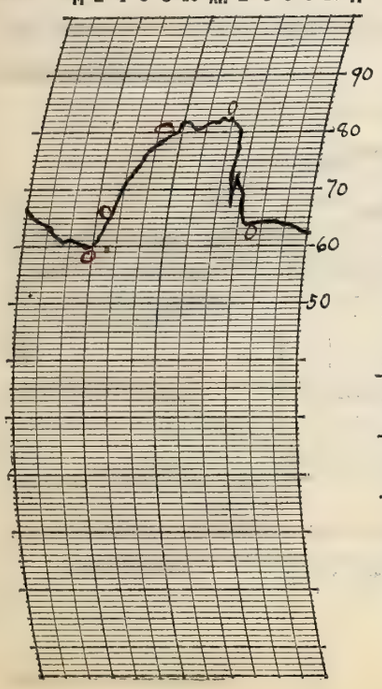
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

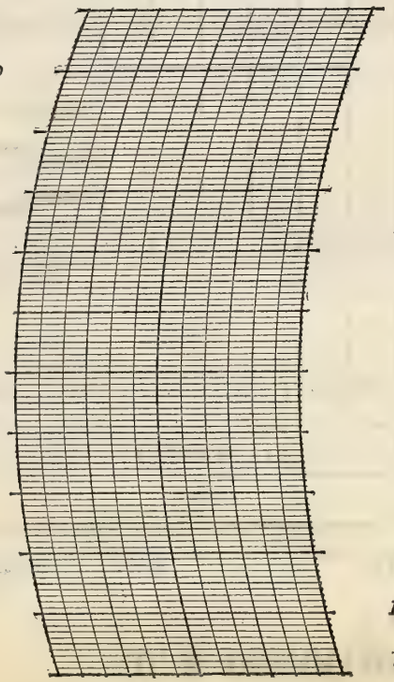
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 81.2 Wet temperature, 62.3
Dew-point, 49 R. humidity, 33 V. pressure, .347
Clouds: Amount, 7; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

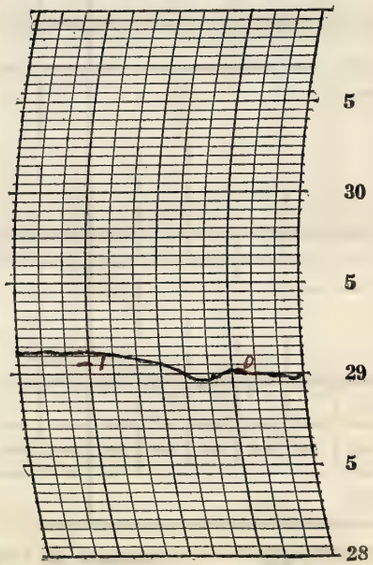
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJB

Verified by E. L. Hardy

8—486

NOTES

High clouds prevailed during the morning. Rain commenced falling in the later part of the afternoon stopping for about an hour and then continuing through the evening. Thunder first was heard at 5:42 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 5, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	46	44	43	44	45	46	47	50	51	55	59	62	63	62	62	62	61	58	57	57	56	53	52
State of weather: Nature of precipitation and time of beginning and ending			RE DNa																					
Amounts of precipitation	0.4	0.3	.01																					
Cloudiness and other conditions						Cloudy			×		Pt Cldy			×			Clear							
Sunrise: Time, 4:33 Character, Cloudy																					Sunset: Time, 6:41 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	.68 0					
Wind direction	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE
Wind movement	12	13	13	12	13	15	13	14	14	15	13	14	16	16	15	15	11	10	5	4	2	2	2	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

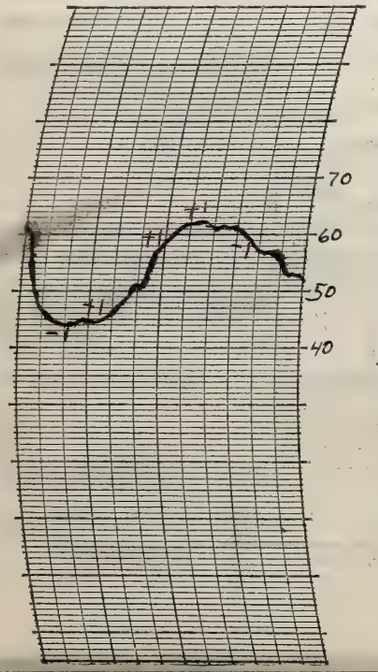
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	43	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.2 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 65
Prevailing wind direction, NW Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 25
Maximum velocity, 20 Direction, NW
Time began, 12:15 pm
Reduced barometer, 30.067 a. m. 30.217 p. m.
River gage, 2.3 feet
Relative humidity, 83 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.3 Wet temperature, 48.3
Dew-point, 40 R. humidity, 48 V. pressure, .247
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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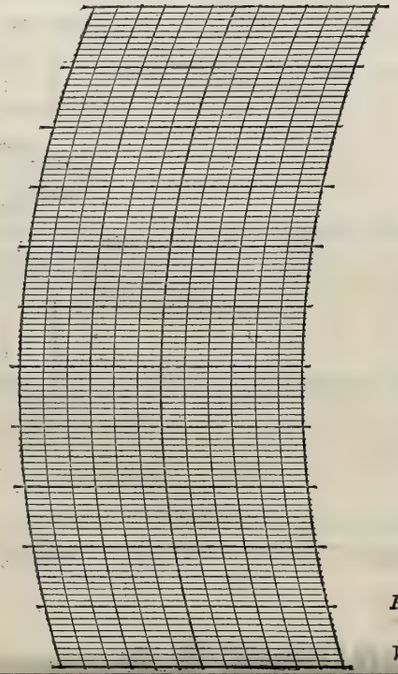
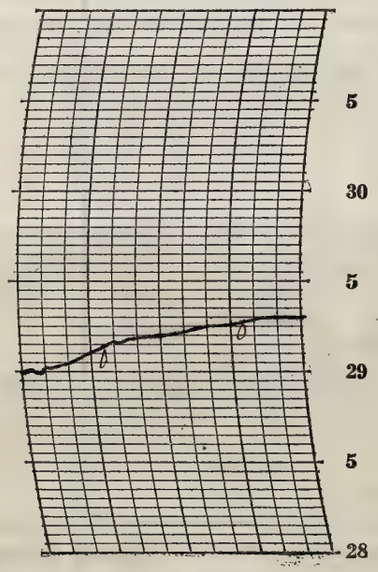


BAROGRAPH.



Prepared by J.
Verified by E. L. Hardy

NOTES

The moon and stars were visible Shortly before sunset some high clouds covered the sun but cleared up before sunset, however there was sufficient light to cast a shadow all the while

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 6, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	46	44	43	46	49	53	56	58	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt. Cloudy							
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	N	N	NE	NE	NE	NE	NE	N	NE	N	N
Wind movement	1	2	6	6	6	7	8	9	9	10	10	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	60	59	58	55	52	50	47	45	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X			Clear →				
Sunshine (in tenths of hours)	0.7	0.8	0.8	0.7	0.7	0.3 0.3	0.4 0					
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	8	10	10	10	10	9	9	11	11	8	6	7

State of weather.

Sunrise: Time, 4:32 Character, Cloudy

Moonrise:

Sunset: Time, 6:42 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.0 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 70

Prevailing wind direction, N Total wind, 191

Average hourly velocity, 8.0 Extreme velocity, 16

Maximum velocity, 15 Direction, NW

Time began, 1:38 p.m.

Reduced barometer, 30.32 7 a. m., 30.32 7 p. m.

River gage, 2.1 feet.

Relative humidity, 80 7 a. m., 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

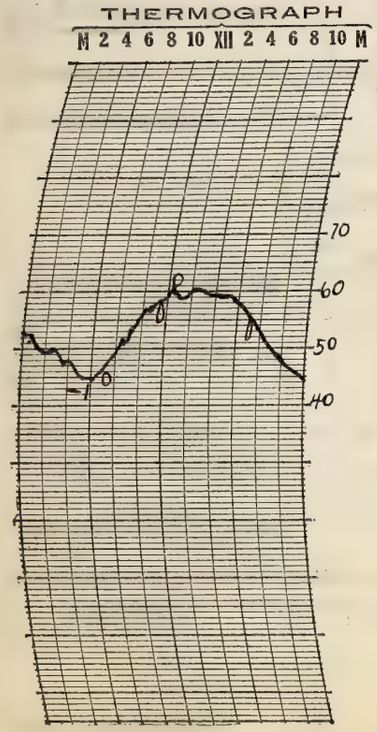
Dry temperature, 58.1 Wet temperature, 48.5

Dew-point, 39 R. humidity, 49 V. pressure, .237

Clouds: Amount, 7; Kind, cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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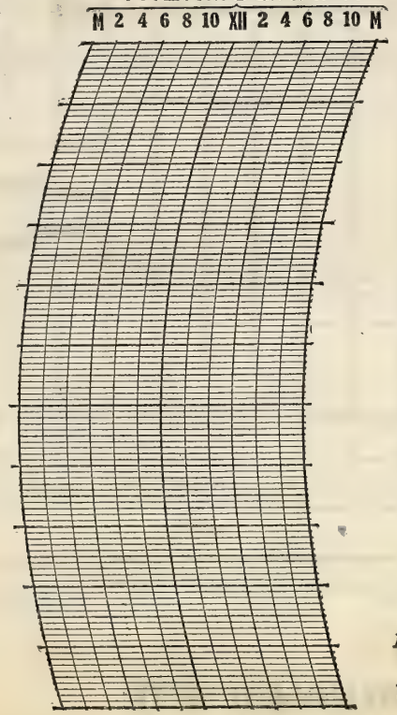
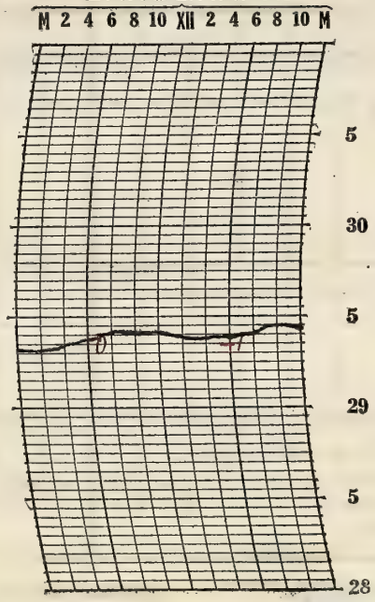


BAROGRAPH.



Prepared by CJ

Verified by E. L. Hardy

8—486

NOTES

There was a light frost in the early morning. The stars were visible in the evening and the moon was observed in the latter part. It was partly cloudy most of the day clearing up by evening. Temperatures were slightly under normal while a cool northerly light to gentle breeze prevailed throughout the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 7, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	38	36	35	35	40	43	46	48	51	53	55	56	57	57	57	56	54	52	50	47	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Partly								Clear											
Sunrise: Time, 4:31 Character, Cloudy																					Sunset: Time, 6:43 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.6	0.72 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	8	7	9	9	9	10	11	12	12	13	13	12	14	14	12	13	12	11	7	6	6	6	5	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

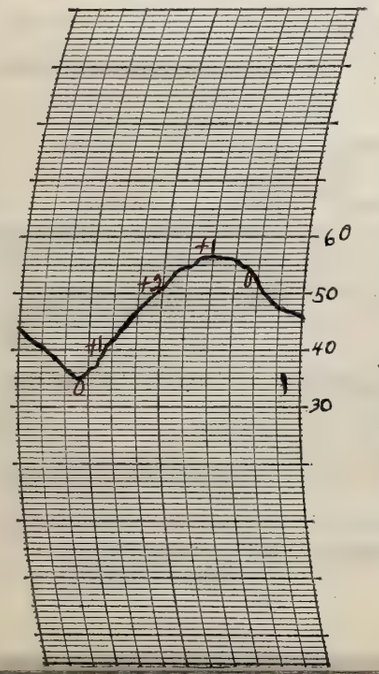
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	35	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 87
Prevailing wind direction, NE Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 18
Maximum velocity, 17 Direction, NE
Time began, 1:05 p.m.
Reduced barometer, 30.40 7 a. m. 30.24 7 p. m.
River gage, 1.9 feet
Relative humidity, 70 7 a. m. 57 2 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.1 Wet temperature, 43.2
Dew-point, 31 R. humidity, 43 V. pressure, .172
Clouds: Amount, 1; Kind, cirr.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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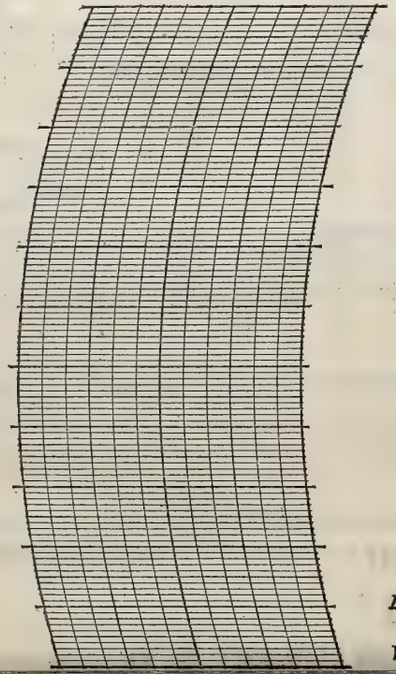
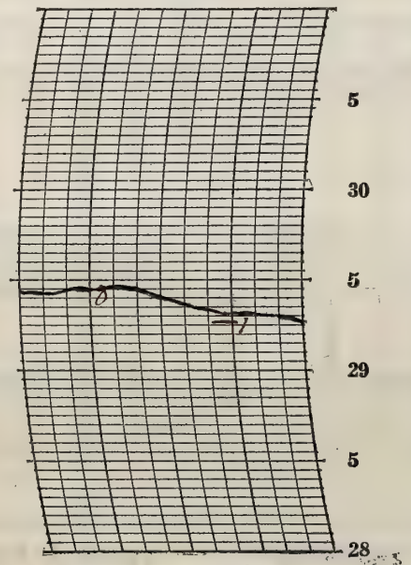


BAROGRAPH.



Prepared by G.J.

Verified by E. L. Hardy

NOTES

There was a heavy frost in the early morning. High clouds obscured the sunrise and some were visible during the daylight. The stars were visible in the evening. Temperatures were below normal nearly all day. A cool light to moderate easterly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 8, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	39	38	38	40	45	50	54	58	60	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			×	Pt Cldy	×	Cldy	× Pt Cldy
Sunrise: Time, 4:30 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.50 0	0.2 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E	NE
Wind movement	3	3	5	5	5	5	7	5	4	4	3	4
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	68	67	67	66	66	65	63	61	60	57	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×	Cldy			× Pt Cldy			×	Clear →			
Sunset: Time, 6:44 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	N	NE	N	N	E	E	NE	E	E	E	E	E
Wind movement	4	3	3	4	3	2	2	2	1	3	1	1
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	38	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 80
Prevailing wind direction, NE Total wind, 82
Average hourly velocity, 3.4 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 7:16 a.m.
Reduced barometer, 30.14 7 a. m. 29.93 7 p. m.
River gage, 1.9 feet
Relative humidity, 60 7 a. m. 25 7 p. m.

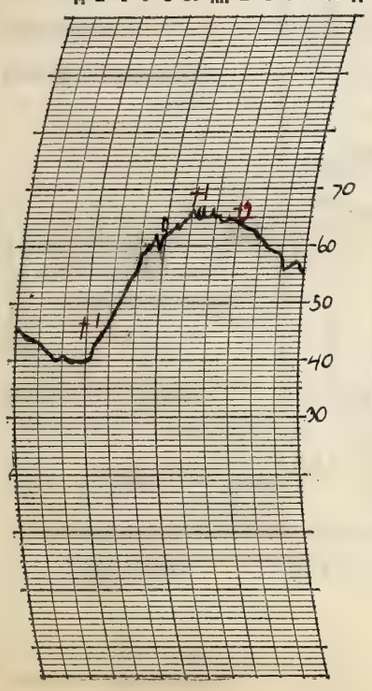
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

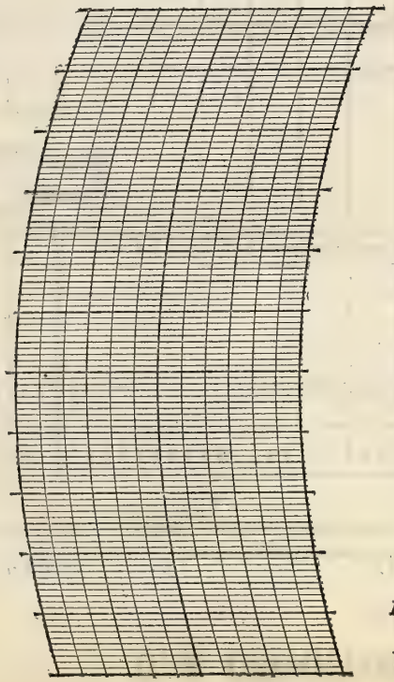
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 61.8 Wet temperature, 45.3
Dew-point, 24 R. humidity, 23 V. pressure, 4.24
Clouds: Amount, 3; Kind, Cirr; Direction, NE
Velocity of clouds (miles per hour)

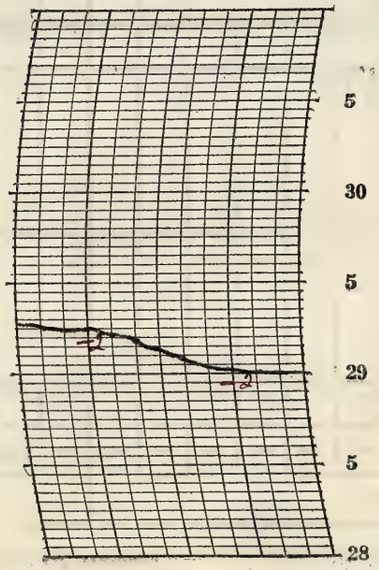
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH
Verified by E. L. Hardy

8—486

NOTES

There was a light frost in the early morning. It clouded up soon after observation (a.m.) and remained cloudy to part cloudy throughout the day until the evening when it cleared up and the stars shone brightly.

Cool, light north to east winds prevailed with temperatures somewhat below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 9, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	51	51	50	50	52	55	61	67	69	75	75	78	79	80	79	80	79	76	73	71	69	67	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy				×						Clear									→
Sunshine (in tenths of hours)					0	0.3 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.75 0					
Wind direction	E	E	E	E	E	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	S	S	S	S	SW	SW
Wind movement	1	1	1	3	3	4	5	6	6	6	5	6	6	8	6	8	5	5	5	6	6	8	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:29 Character, Cloudy
Moonrise:
Sunset: Time, 6:45 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

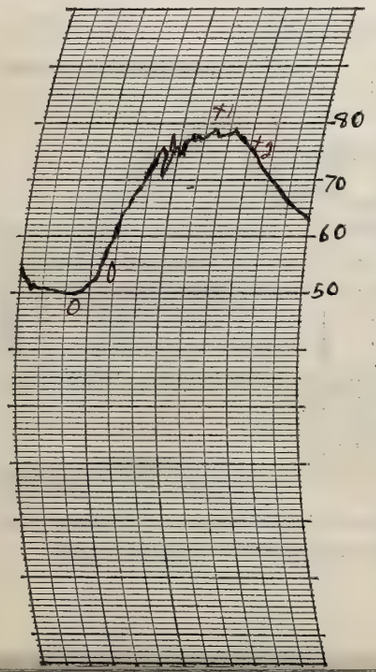
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	50	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 1:55 p.m.
Reduced barometer, 29.90 7 a. m. 29.77 7 p. m.
River gage, 1.8 feet.
Relative humidity, 38 7 a. m. 29 7 p. m.

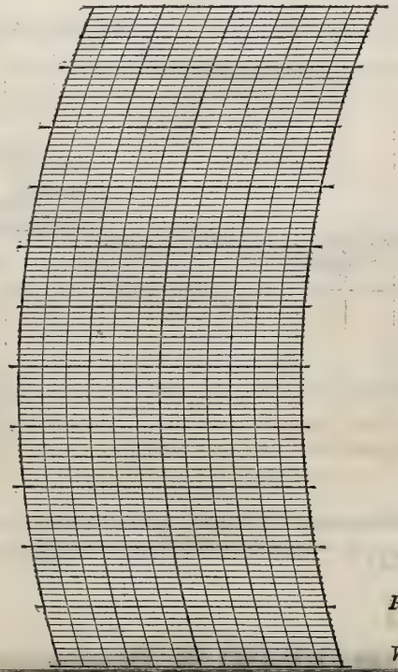
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.1 Wet temperature, 54.8
Dew-point, 36 R. humidity, 24 V. pressure, 211
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

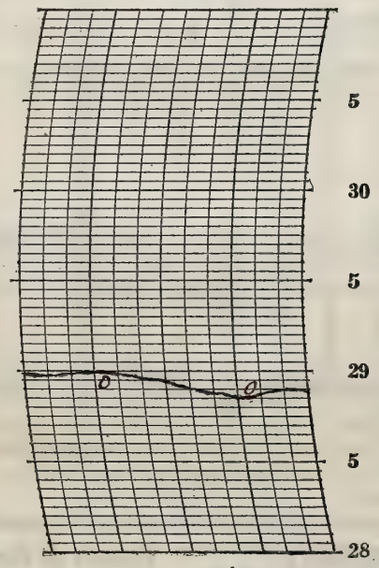
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.
Verified by E. L. Hardy

NOTES

There were some high clouds in the early morning which gradually disappeared during the morning. Temperatures rose to above normal and remained quite warm during the night. The stars were visible.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 10, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	60	59	57	58	64	68	76	79	84	86
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			×		PT
Sunshine (in tenths of hours)					0	0.4 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	19	9	10	8	9	12	11	9	11	12	13

Sunrise: Time, 4:28 Character, Cloudy. Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	81	75	72	69	68	68	64	64	61	58	59
Nature of precipitation and time of beginning and ending					RB 4:15 RE 4:45		RB 6:20					RE DNp
Amounts of precipitation					.02		.08	.05	.01	.05	.03	T
Cloudiness and other conditions			Cldy	×			Cloudy					→
Sunshine (in tenths of hours)	1.0	0.8	0	0.2	0	0	0					
Wind direction	SW	W	NW	NW	NW	NW	SW	SW	SW	W	W	SW
Wind movement	13	12	18	12	8	4	5	7	4	11	5	7

Sunset: Time, 6:46 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	57	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.
Total precipitation, midnight to midnight, 2.4 inches.
Character of day, PT Cldy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.7 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 24
Maximum velocity, 22 Direction, NW
Time began, 2:17 p.m.
Reduced barometer, 29.82 7 a. m. 29.86 7 p. m.
River gage, 1.8 feet
Relative humidity, 46 7 a. m. 76 7 p. m.

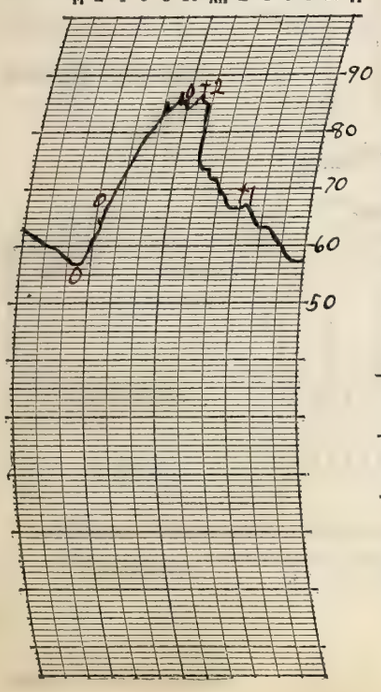
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

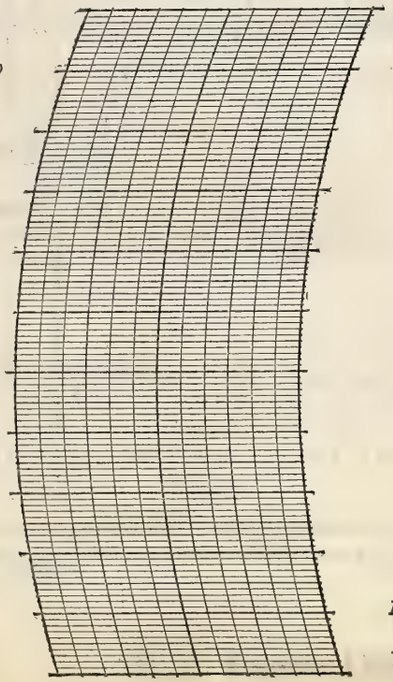
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 86.2 Wet temperature, 64.1
Dew-point, 50 R. humidity, 29 Few V. pressure, 360
Clouds: Amount, 5; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

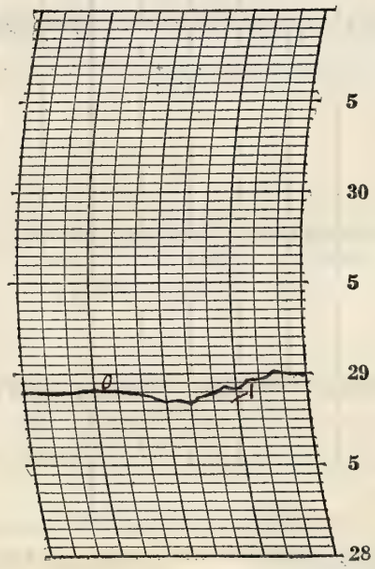
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E. L. Hardy

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NOTES

The moon and stars were observed in the early morning. It became cloudier throughout the day and in the afternoon a thunderstorm began at 4:00 p.m. when thunder was first heard. Rain did not commence falling until 15 minutes later and ended at 4:45 p.m. Another thunderstorm began at 6:30 p.m. with rain commencing 10 minutes later and ending near midnight. Temperatures were the highest for this year, to date; but it cooled off after the rain commenced. However it remained mostly above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 11, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	54	53	54	58	61	63	62	62	62	63	62	61	58	56	54	51	48	45	44	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy						× Pt Cldy			×	Clear						→
Sunrise: Time, 4:27 Character, Cloudy																					Sunset: Time, 6:42 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.8	0.7	0.3	0	0	0.2	0.9	1.0	0.9 0.1	1.0 0	0.75 0					
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	5	4	7	7	7	7	5	8	13	17	16	17	17	17	19	20	19	18	15	13	11	10	6	8
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

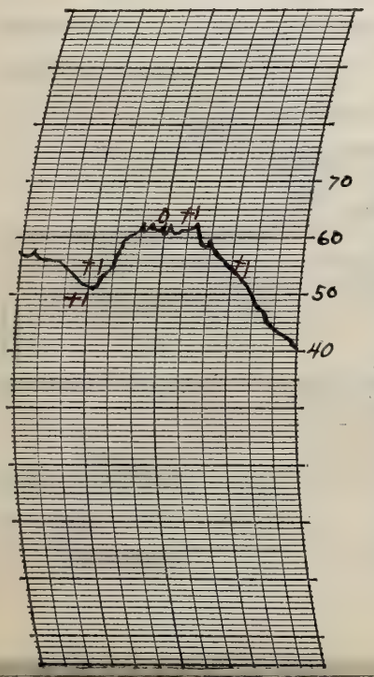
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	42	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 21 ins.; to 0 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.7 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 47
Prevailing wind direction, NW Total wind, 286
Average hourly velocity, 11.9 Extreme velocity, 25
Maximum velocity, 23 Direction, NW
Time began, 3:40 pm
Reduced barometer, 29.96 7 a. m. 30.14 7 p. m.
River gage, 1.7 feet
Relative humidity, 61 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.5 Wet temperature, 46.9
Dew-point, 29 R. humidity, 27 V. pressure, .157
Clouds: Amount, 9; Kind, a st.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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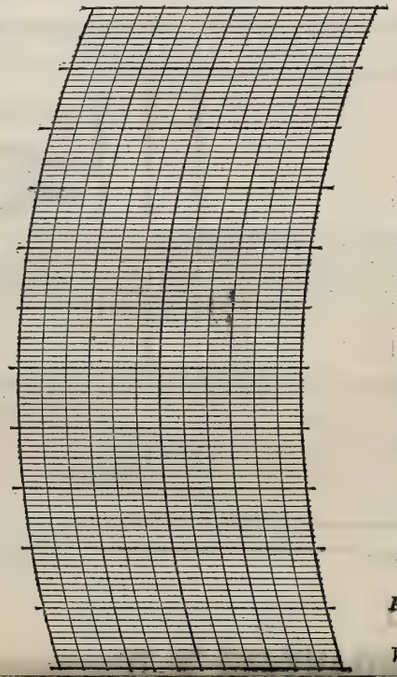
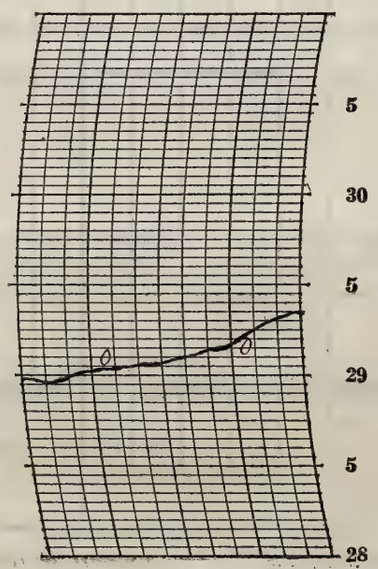


BAROGRAPH.



Prepared by C.J.
Verified by E. L. Hardy

NOTES

The stars shone brightly in the evening. The clouds of the morning gradually dispersed until it was clear by evening. Temperatures were cooler than yesterday but close to normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) May 12, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	37	36	35	37	41	44	46	49	50	53	54	56	58	59	58	68	56	51	49	47	46	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear											→
Sunshine (in tenths of hours)					0.5 / 0	1.0 / 0	0.5 / 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 / 0.3	1.0 / 0	0.82 / 0					
Wind direction	N	N	N	N	N	N	N	N	NE	N	N	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	6	7	6	6	4	6	8	11	11	9	9	9	8	8	9	9	7	7	5	7	7	6	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:26 Character, Clear

Moonrise:

Sunset: Time, 6:49 Character, Clear

Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	35	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last - 2:50pm

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 100

Prevailing wind direction, N Total wind, 174

Average hourly velocity, 7.2 Extreme velocity, 15

Maximum velocity, 13 Direction, NE

Time began, 7:03 2m.

Reduced barometer, 30.40 7 a. m. 30.34 7 p. m.

River gage, 1.7 feet

Relative humidity, 57 7 a. m. 33 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

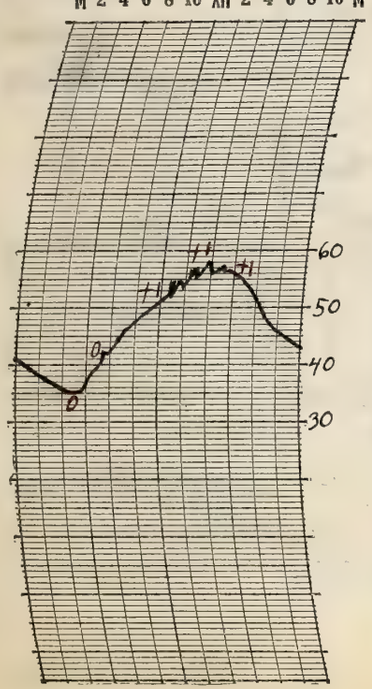
Dry temperature, 53.2 Wet temperature, 41.1

Dew-point, 24 R. humidity, 32 V. pressure, 1.24

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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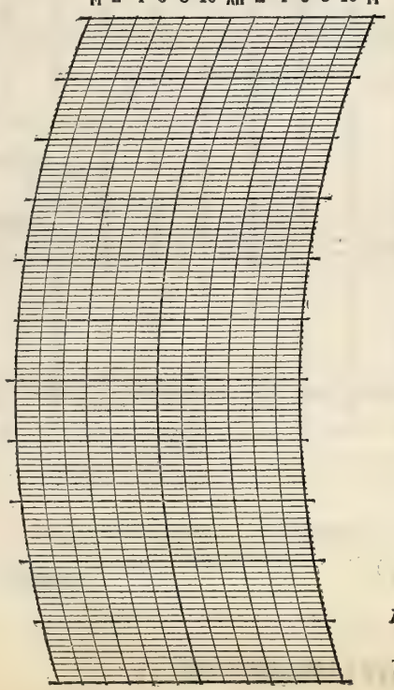
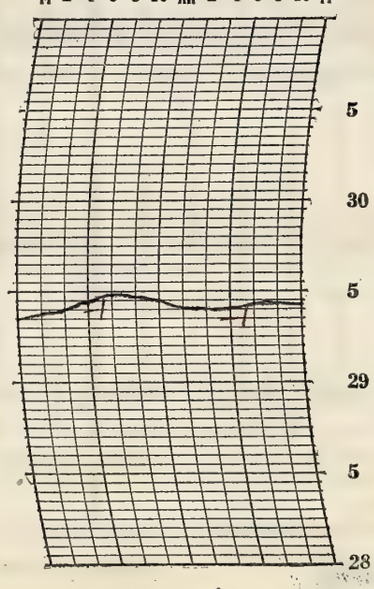


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. Hardy

8—486

NOTES

There was a light frost in the early morning. The moon was visible before sunrise. The day remained clear and the stars shone brightly in the evening. It was a cool day with temperatures below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 13, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	40	41	48	51	55	56	58	60	61	62	63	64	64	63	60	58	54	52	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear									Pcldy		Cldy			
Sunshine (in tenths of hours)					8	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	N	N	N	N	N	N	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E
Wind movement	4	3	3	4	4	4	5	4	4	6	8	10	9	8	8	9	8	8	6	8	8	6	4	4

Sunrise: Time, 4:25 Character, Clear
Moonrise:
Sunset: Time, 6:50 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

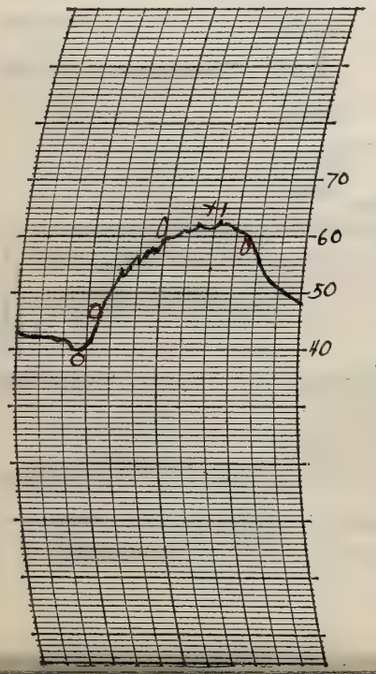
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 14
Maximum velocity, 13 Direction, NE
Time began, 11:32 a.m.
Reduced barometer, 30.44 7 a. m. 30.38 7 p. m.
River gage, 1.6 feet
Relative humidity, 48 7 a. m. 26 7 p. m.

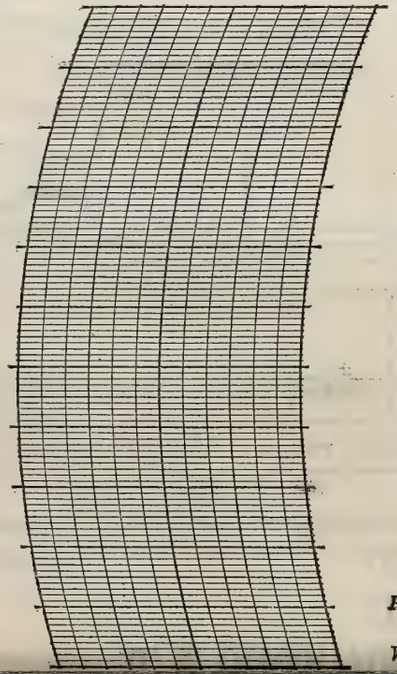
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 60.2 Wet temperature, 46.0
Dew-point, 29 R. humidity, 30 V. pressure, 157
Clouds: Amount, Few; Kind, cu.; Direction, N
Velocity of clouds (miles per hour)

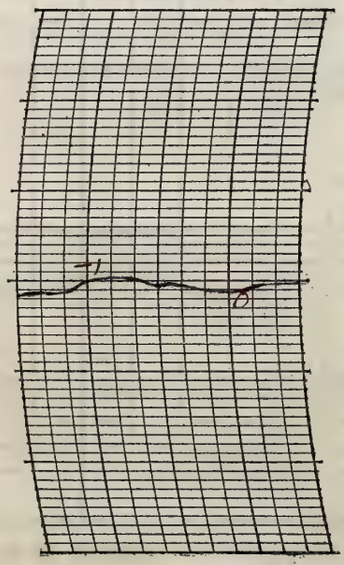
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E. L. Hardy

NOTES

There was a light frost in the early morning. The moon and stars were visible in the early morning. The day was clear becoming partly cloudy towards evening. It was a cool pleasant day with N to E winds blowing with a light to moderate intensity.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 14, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	44	42	42	43	50	53	57	60	62	64	66	68	68	68	68	68	65	64	61	56	54	50
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cdy			Clear					Pt. Cloudy							Cloudy				
Sunshine (in tenths of hours)					0	0.5 0	0.7 0.3	1.0	1.0	1.0	0.7	1.0	1.0	1.0	1.0	0.9	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	E	SE	E	E	SE	E	E	E	E	E	E	E	E
Wind movement	4	5	5	5	5	6	7	8	8	7	6	7	7	7	7	5	6	4	5	4	7	8	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:24 Character, Cloudy
Moonrise:
Sunset: Time, 6:51 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

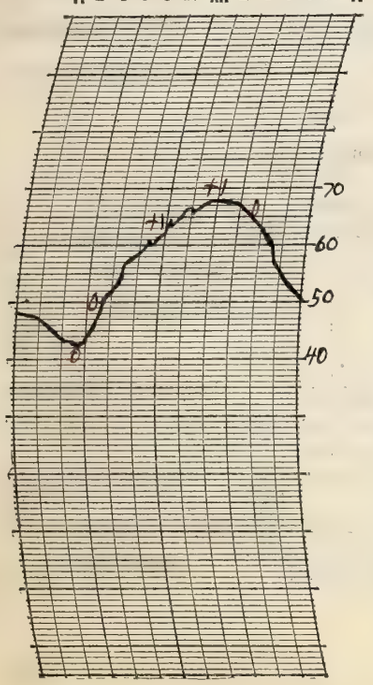
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.1 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 70
Prevailing wind direction, E Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 7:56 a.m.
Reduced barometer, 30.43 7 a. m. 30.25 7 p. m.
River gage, 1.6 feet
Relative humidity, 40 7 a. m. 31 7 p. m.

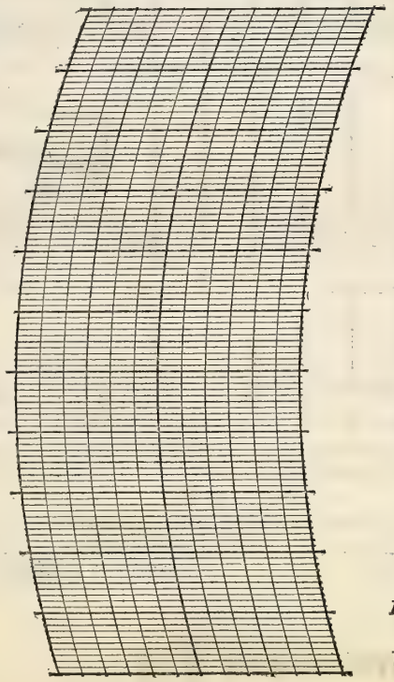
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.8 Wet temperature, 47.0
Dew-point, 26 R. humidity, 24 V. pressure, 136
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

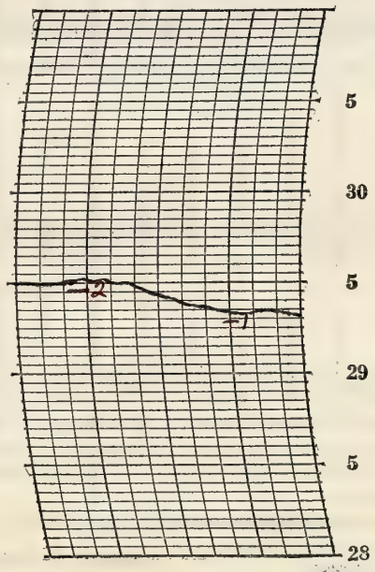
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EHH

Verified by E. R. Hardy

8—486

NOTES

It cleared up during the morning but became cloudy in the afternoon and evening. Light to gentle easterly winds blew with temperatures close to normal. The brighter stars were visible in the evenings.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 15, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	47	46	47	51	57	64	68	71	74	70	71	71	71	71	68	66	63	63	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																			RB 6.25					
Amounts of precipitation																			T	01	01	01	T	02
Cloudiness and other conditions					←							Cloudy												→
Sunrise: Time, 4:23 Character, Cloudy																					Sunset: Time, 6:52 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.4	0.4	0.2	0.9	0	0.6	0.9	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	E	E	E	S	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	S	S	S	S
Wind movement	6	5	6	5	4	5	4	2	4	5	7	7	9	7	7	5	4	7	9	4	3	5	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

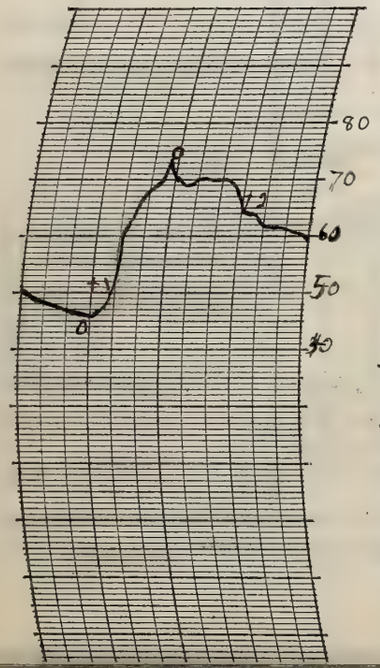
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	46	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.4 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 23
Prevailing wind direction, SW Total wind, 126
Average hourly velocity, 5.2 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 6:25 p.m.
Reduced barometer, 30.21 7 a. m. 30.13 7 p. m.
River gage, 1.1 feet
Relative humidity, 58 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.9 Wet temperature, 60.8
Dew-point, 53 R. humidity, 46 V. pressure, .402
Clouds: Amount, 5; Kind, ~~cus~~ a st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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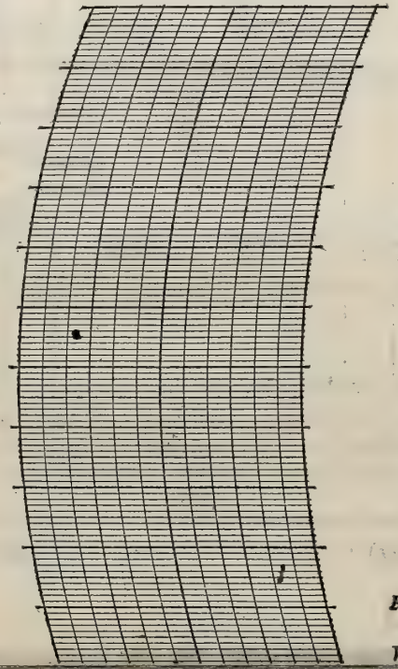
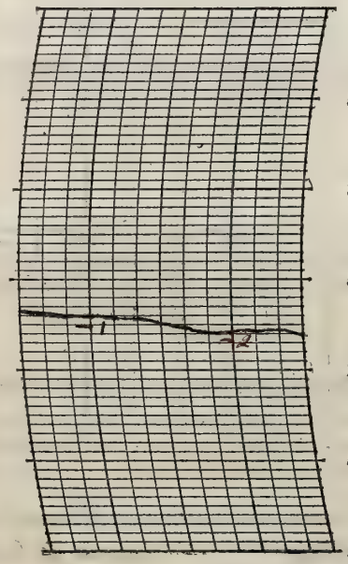


BAROGRAPH.



Prepared by EJH

Verified by E J Harvey

NOTES

Mostly cloudy, warm day. Light rain during the evening. Cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 16, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	59	59	59	62	63	64	66	66	67
Nature of precipitation and time of beginning and ending						RE DNa						
Amounts of precipitation	T	T	.02	.05	.02	T						
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0	0.8	0	0.6
Wind direction	SE	E	SE	E	E	E	SE	SE	S	S	S	S
Wind movement	4	3	5	4	5	6	9	10	11	13	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	67	64	64	63	65	65	65	65	65	65
Nature of precipitation and time of beginning and ending	RB 12:15	RE 1:10	RB 2:48			RE 5:20						
Amounts of precipitation	T	.01	.01	.02	.04	.01						
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.7	0.7	0	0	0	0	0					
Wind direction	S	S	S	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	13	11	11	6	7	6	5	6	6	7	9	12

State of weather.

Sunrise: Time, 4:22 Character, Cloudy

Moonrise:

Sunset: Time, 6:52 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles), direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	59	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.8 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 19

Prevailing wind direction, SE Total wind, 194

Average hourly velocity, 8.1 Extreme velocity, 20

Maximum velocity, 18 Direction, S

Time began, 12:12 p.m.

Reduced barometer, 30.08 7 a. m. 29.95 7 p. m.

River gage, 1.1 feet

Relative humidity, 84 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

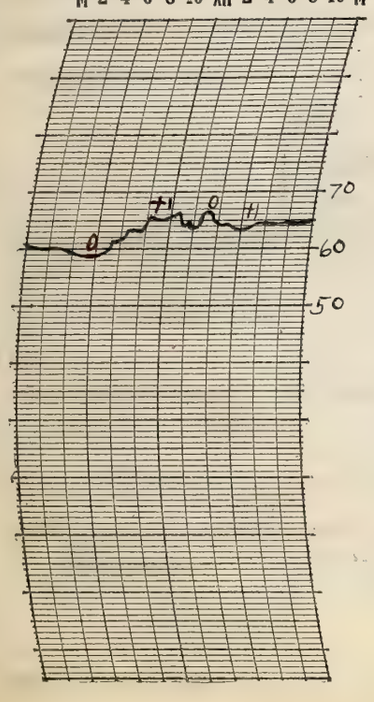
Dry temperature, 66.8 Wet temperature, 60.2

Dew-point, 56 R. humidity, 68 V. pressure, .448

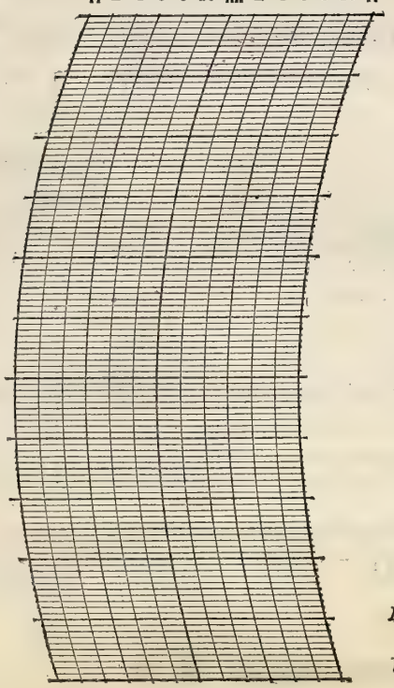
Clouds: Amount, 4; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

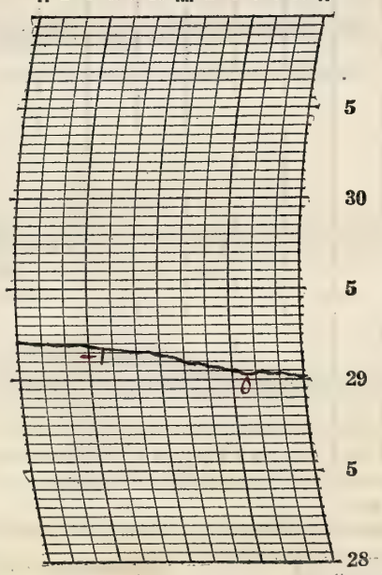
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by E. L. Hardy

8—486

NOTES

It was cloudy all day and raining in the early morning and most of the afternoon. There was a light fog observed from 4:30 p.m. to 5:30 p.m. Near seasonal temperatures prevailed throughout the day with light to moderate East to South breezes blowing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 17, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	62	61	62	65	66	69	72	73	72
State of weather: Nature of precipitation and time of beginning and ending					RB 0Na RE 0Nd						RB 10:59	RE 11:30
Amounts of precipitation					T						T	.04
Cloudiness and other conditions					← Cloudy →							
Sunrise: Time, 4.21 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0.2	0.5	0.2	1.0	0.9	1.0	0.8
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	10	11	9	8	11	11	14	15	16	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	75	76	76	73	70	69	69	64	62	63
State of weather: Nature of precipitation and time of beginning and ending	RB 12:00 RE 12:02							RB 7.59				RE 11.45
Amounts of precipitation	T							T	1.26	1.66	1.05	0.03
Cloudiness and other conditions			← PT Cldy					→	← Cloudy →			
Sunset: Time, 6.53 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.9	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	W	SW	W	SW
Wind movement	15	15	13	13	12	13	8	5	7	9	10	6

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, 3.04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 10.4 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 262
Average hourly velocity, 10.9 Extreme velocity, 27
Maximum velocity, 24 Direction, SW
Time began, 12:37 p.m.
Reduced barometer, 29.93 7 a. m. 29.89 7 p. m.
River gage, 1.0 feet.
Relative humidity, 83 7 a. m. 78 7 p. m.

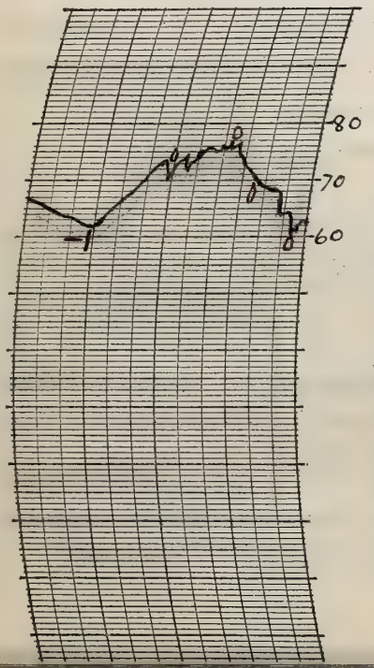
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 65.8
Dew-point, 63 R. humidity, 72 V. pressure, .525
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

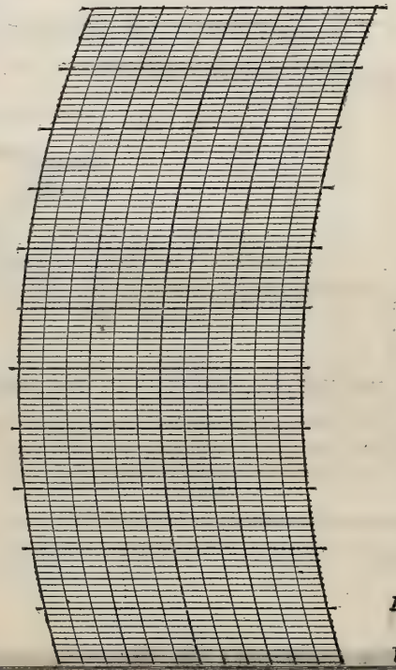
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
7.59p	11.45p	3.00	8.52p	10 ~~52~~ 45p	.04	.18	.26	.38	.65	.75	8.3	1.05	1.20	1.38	1.53	1.89	2.17	2.53	2.94

Excessive precipitation, accumulated amounts

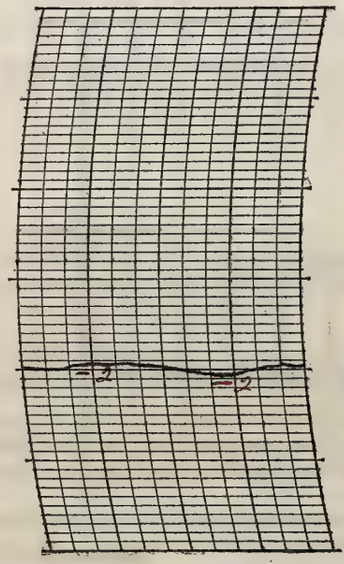
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.
Verified by E. L. Hardy

NOTES

It was cloudy most of the day becoming partly cloudy in the afternoon. Light rains fell early in the morning and near noon, while an exceptionally heavy rain fell in the later part of the evening. Lightning in the distance was first seen at 7:19 p.m. while the evening rain commenced at 7:59 p.m and thunder was first heard at 8:54 p.m. It was a very heavy rain causing the streets to be flooded, automobiles stalled, and the railway subways under the rail road elevations were filled with water making them impassible for automobile.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 18, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	63	63	65	67	69	71	69	67
Nature of precipitation and time of beginning and ending		RB DNa		RE DNa							RB 10:58	RE 11:49
Amounts of precipitation		.01	T	.01							T	.04
Cloudiness and other conditions	← Cloudy				Pt Cldy			×			Cloudy	
Sunshine (in tenths of hours)					0	0.8	0.6	0.8	1.0	1.0	0.5	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6	6	4	4	7	8	8	9	11	12	10

Sunrise: Time, 4:20 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	72	75	73	72	70	67	66	66	65	64
Nature of precipitation and time of beginning and ending									RB 8:40	RE 9:30		
Amounts of precipitation									T	T		
Cloudiness and other conditions	Cloudy			×		Pt Cldy		×	Cldy			
Sunshine (in tenths of hours)	0.7	1.0	1.0	1.0	0.5	0.5	0.5 0.4					
Wind direction	SW	S	SW	SW	W	W	S	SW	SW	SW	SW	S
Wind movement	13	11	12	10	8	5	5	6	5	5	6	6

Sunset: Time, 6:54 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

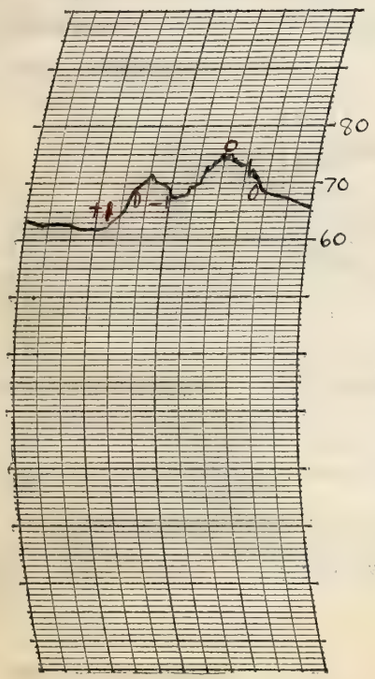
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	63	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. 3.02 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.5 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 2:25 p.m.
Reduced barometer, 29.91 7 a. m. 29.82 7 p. m.
River gage, 4.8 feet
Relative humidity, 90 7 a. m. 81 7 p. m.

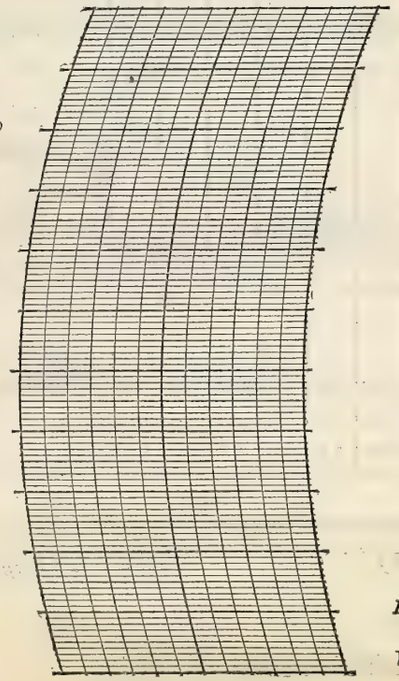
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 67.2 Wet temperature, 65.4
Dew-point, 64 R. humidity, 91 V. pressure, .595
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

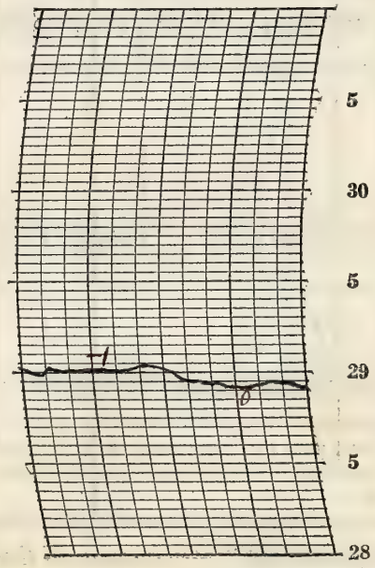
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH
Verified by E. L. Hardy

8—486

NOTES

There was a severe thunderstorm in the evening beginning at 8:40 pm and continuing to 11:00 pm with a light rain falling from 8:40 pm to 9:30 pm. There were also several other rains during the day, one in the early morning and another near noon. Some stars were visible in the late evening.

Form No. 1014—Met.'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 19, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	61	60	64	66	68	68	69	72
Nature of precipitation and time of beginning and ending	RB DNa		RE DNa									
Amounts of precipitation	T	.07	.01									
Cloudiness and other conditions	Cloudy				Pt Cldy	× Clear	× Pt Cldy	× Cldy		× Pt. Cldy		
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	0.7	1.0	1.0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	8	7	8	9	8	11	11	11	12	12

Sunrise: Time, 4:19 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	72	69	69	67	65	62	60	59	59	58
Nature of precipitation and time of beginning and ending	RB 12:06 RE 12:20			RB 3:18 RE 3:30	RB 4:00 RE 4:15							
Amounts of precipitation	T			T	T							
Cloudiness and other conditions			×	Cloudy								
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.4	0.6	0.4	0					
Wind direction	W	W	W	NW	NW	NW	NW	W	W	NW	NW	NW
Wind movement	11	12	12	10	10	8	9	8	7	7	5	6

Sunset: Time, 6:55 Character, Cloudy

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time: 7

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.8 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.8 inches.

Character of day, Pt Cloudy Moon phase, New - 7:14 PM

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 10.8 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 74

Prevailing wind direction, SW Total wind, 217

Average hourly velocity, 9.0 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 10:53 2 m.

Reduced barometer, 29.80 7 a. m. 29.73 7 p. m.

River gage, 5.2 feet

Relative humidity, 86 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

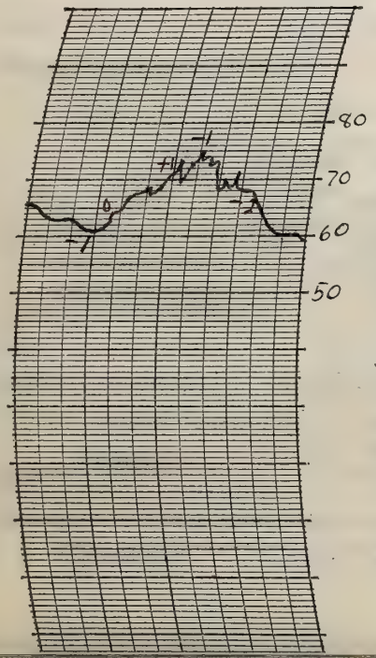
Dry temperature, 72.1 Wet temperature, 64.2

Dew-point, 60 R. humidity, 65 V. pressure, .517

Clouds: Amount, 7; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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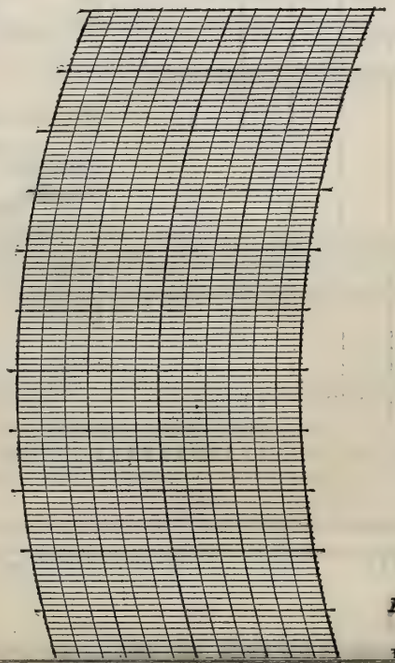

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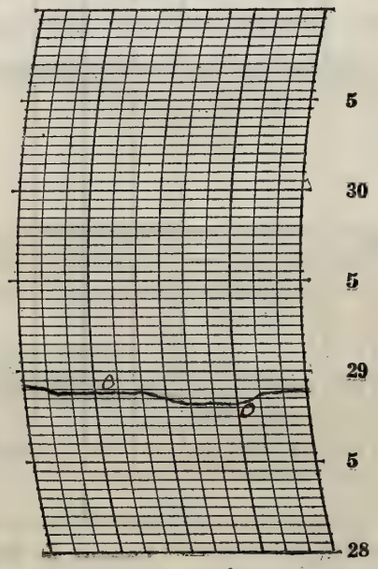


Prepared by E.L.

Verified by E. L. Harder

NOTES

Rain fell in the early morning, near noon, and near the mid-afternoon. Temperatures remained somewhat above normal while light to gentle westerly winds prevailed and the sky was mostly partly cloudy.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 20, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	53	53	55	56	59	62	68	71	73	72	75	77	76	75	74	73	70	68	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cloudy				×		Part Cloudy							×	Clear					→
Sunshine (in tenths of hours)					0	0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.8	0.8 0					
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	W	NW	N	N	N	N	N	N	NE	NE	NE	N	NW	W	SW
Wind movement	5	6	6	7	5	5	4	4	4	5	5	6	6	7	7	6	7	4	3	3	2	3	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:18 Character, Cloudy
Moonrise:

Sunset: Time, 6:56 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

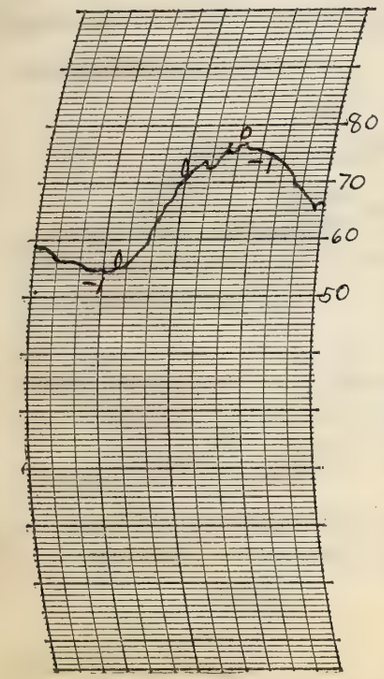
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	53	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 70
Prevailing wind direction, N & NW Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 1:56 p.m.
Reduced barometer, 29.84 7 a. m. 29.78 7 p. m.
River gage, 10.1 feet
Relative humidity, 99 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.9 Wet temperature, 62.9
Dew-point, 58 R. humidity, 64 V. pressure, 4.82
Clouds: Amount, 6; Kind, Ci; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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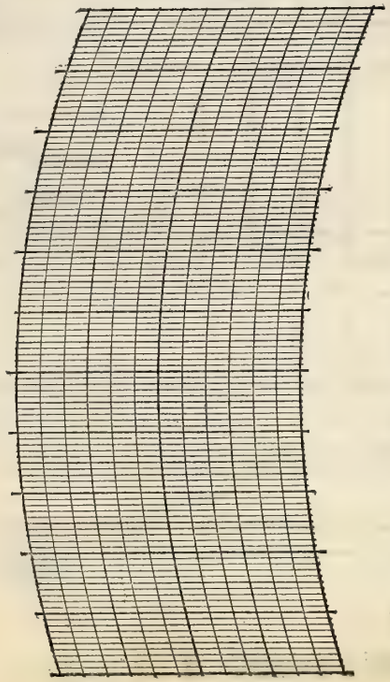
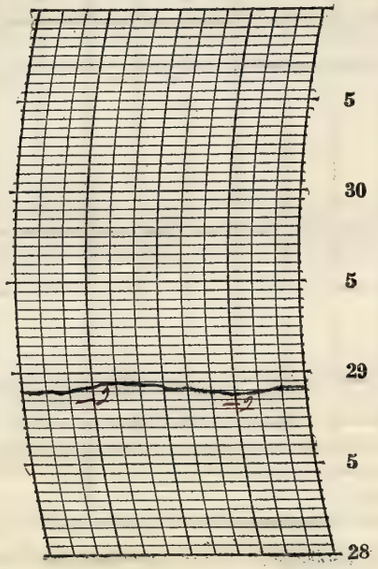


BAROGRAPH.



Prepared by EH

Verified by E L Hardy

8—486

NOTES

The brighter stars were visible in the evening. The sky was completely overcast in the earlier part of the morning and cleared up during the day. The wind was mostly light and it felt quite warm although temperatures were near normal. The sun was mostly clear until just before sunset when it went behind a bank of clouds.

There was a light fog beginning DN 2 and ending at 7:45 2 m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 21, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	61	61	59	60	64	66	68	70	75	75	78	75	75	75	75	72	68	67	66	66	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			× Cldy				× Cldy	× Pt Cldy		×	Cldy			× Pt Cldy		→			
Sunrise: Time, 4:18 Character, Cloudy																					Sunset: Time, 6:57 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	0.6	0.9	0.4	0.4	0.2	0.4	0.2	0					
Wind direction	SW	SW	SW	SW	N	N	N	N	NE	NE	SE	NE	SW	SW	SW	NW	W	NE	NE	N	N	N	N	NE
Wind movement	1	2	1	1	2	2	2	2	4	3	3	4	4	8	7	3	2	8	6	4	5	6	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

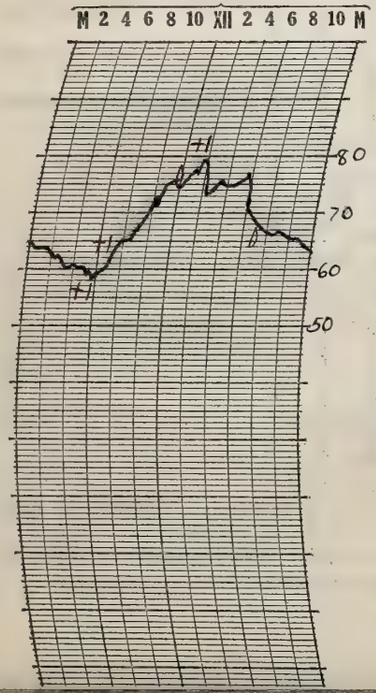
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.5 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 51
Prevailing wind direction, N Total wind, 90
Average hourly velocity, 7.5 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 1:34 p.m.
Reduced barometer, 29.83 7 a. m. 29.81 7 p. m.
River gage, 6.7 fall
Relative humidity, 75 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.3 Wet temperature, 60.8
Dew-point, 51 R. humidity, 43 V. pressure, 372
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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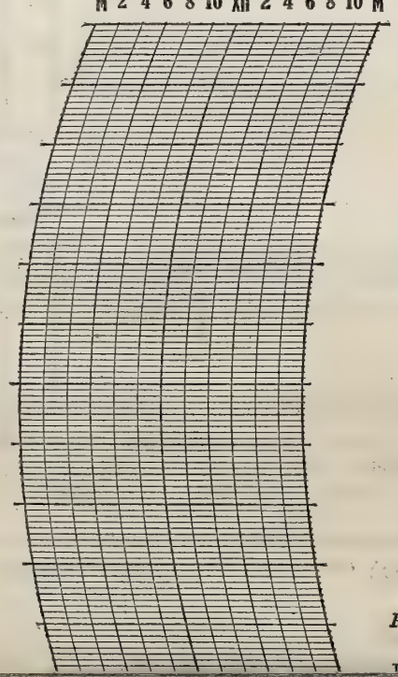
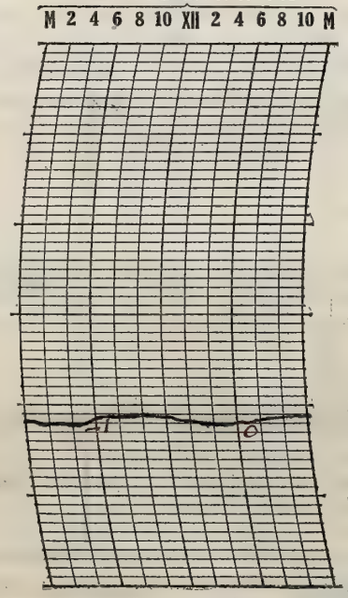


BAROGRAPH.



Prepared by C.H.
Verified by E. L. Hardy

NOTES

The moon was visible through the clouds in the early evening. A thunderstorm was heard from 1:30 p.m. to 2:30 p.m. The sky was partly cloudy to cloudy during the day with light winds prevailing. Temperature were above normal.

Lightning was observed in the western part of the sky during the thunderstorm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 22, 1928

90

Time (local standard) mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	59	59	58	59	64	68	70	71	73	74	78	78	77	77	75	74	73	69	66	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<PC	Cdy			X					Clear										>
Sunrise: Time, 4:17 Character, Cloudy																					Sunset: Time, 6:58 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.97 0					
Wind direction	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	N	N	N	NE	N	N	NE	NE	N	N	N	N	N
Wind movement	4	4	4	5	5	6	5	8	9	8	9	8	9	9	11	10	10	9	4	6	5	7	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	58	68	

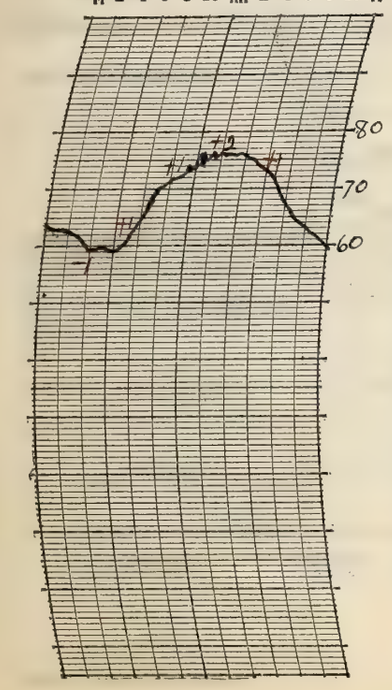
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.3 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 90
Prevailing wind direction, N Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 2:46 p.m.
Reduced barometer, 29.88 7 a. m. 29.85 7 p. m.
River gage, 3.6 fall
Relative humidity, 65 7 a. m. 41 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.4 Wet temperature, 58.7
Dew-point, 47 R. humidity, 38 V. pressure, .322
Clouds: Amount, Esw; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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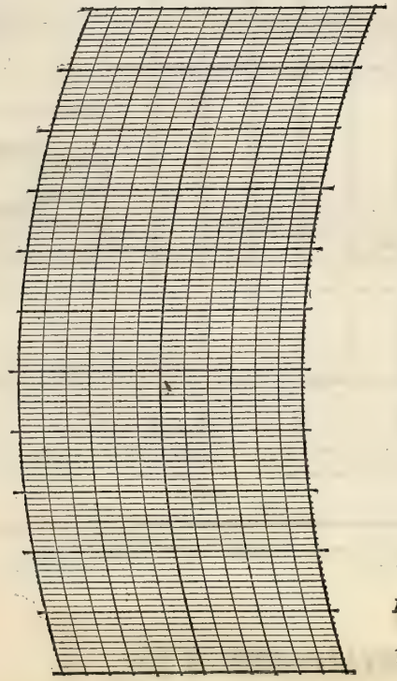
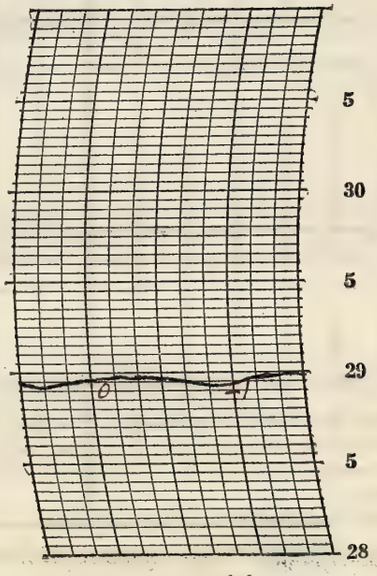


BAROGRAPH.



Prepared by EH

Verified by E. L. Hardy

8—486

NOTES

The moon was visible during the earlier part of the evening and the stars shone brightly. Temperatures were above normal while light to gentle northerly winds prevailed. In the afternoon it felt quite warm in the sunshine but became pleasantly cool in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 23, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	53	53	54	56	59	62	63	64	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					0.73 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	5	8	8	8	11	10	12	14	11	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	66	64	63	60	56	54	53	52	50
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Part Cloudy × Clear						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.98 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	11	13	11	11	11	11	11	7	6	4	3	3

Sunrise: Time, 4:16 Character, Clear

Moonrise:

Sunset: Time, 6:59 Character, Clear

Moonset:

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.7 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 100

Prevailing wind direction, NE Total wind, 211

Average hourly velocity, 8.8 Extreme velocity, 16

Maximum velocity, 15 Direction, NE

Time began, 3:52 p.m.

Reduced barometer, 30.00 7 a. m. 30.02 7 p. m.

River gage, 2.8 feet

Relative humidity, 69 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

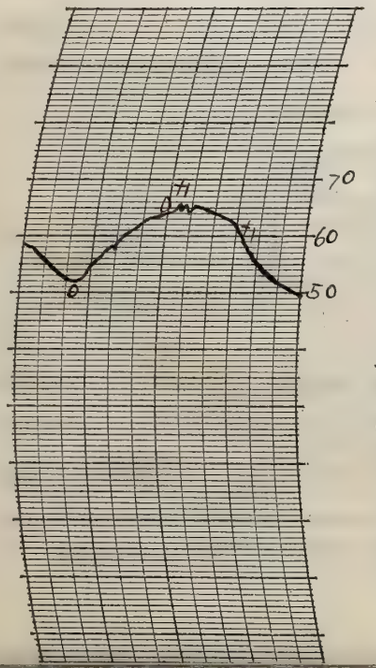
Dry temperature, 64.1 Wet temperature, 52.7

Dew-point, 42 R. humidity, 46 V. pressure, 266

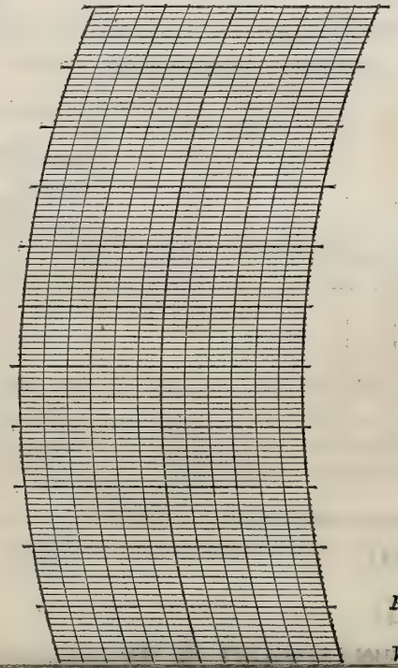
Clouds: Amount, 4; Kind, cu.; Direction, NE

Velocity of clouds (miles per hour)

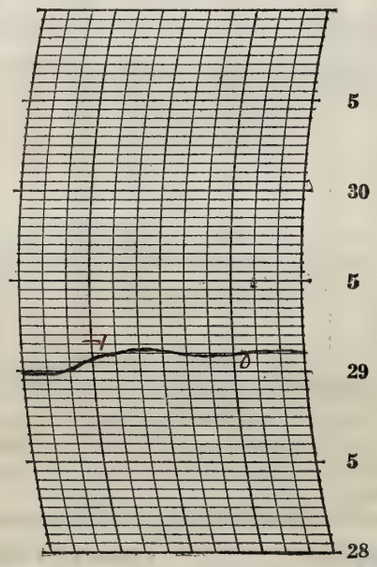
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E. L. Harris

NOTES

A lunar corona was observed near the mid evening. Although it was the 5th day of the new moon the ring was quite noticeable and bright. Temperatures were cooler than yesterday although it still remained pleasant. Moderate to light north easterly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) May 24, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	47	47	47	48	52	57	61	63	62
Nature of precipitation and time of beginning and ending												RB 11:40
Amounts of precipitation												T
Cloudiness and other conditions					<Pt Cldy							X Cldy X
Sunshine (in tenths of hours)					0	0	0.3	0.7	1.0	1.0	1.0	0.3
Wind direction	E	E	SE	SE	SE	SE	SW	SW	SW	SW	SW	SW
Wind movement	4	4	2	1	2	3	6	7	7	10	10	8

Sunrise: Time, 4:15 Character, Cloudy
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	59	61	61	61	60	60	64	56	54
Nature of precipitation and time of beginning and ending	RE 2:35		RB 2:51	RE 3:30			RB 6:35 RE 6:55				RB 10:02	RE DNp
Amounts of precipitation	T		T	.01			T				.27	.01
Cloudiness and other conditions	X Cldy X			Pt Cldy	Cldy	X Pt Cldy				X Cloudy		
Sunshine (in tenths of hours)	0	0.1	0.2	0.3	0.6	0	0					
Wind direction	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	NE	SE
Wind movement	2	6	9	10	14	10	8	11	13	13	11	5

Sunset: Time, 7:00 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

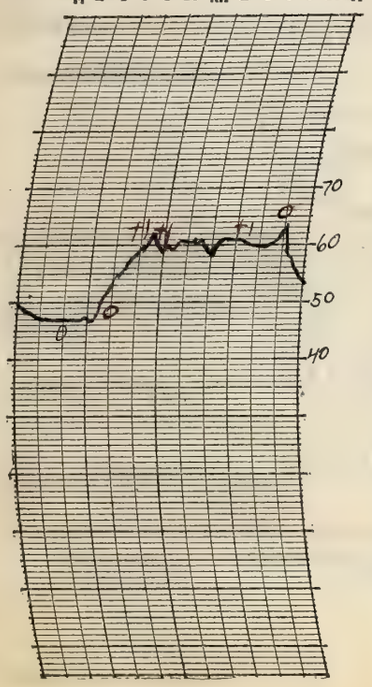
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 29 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.5 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 37
Prevailing wind direction, SW Total wind, 176
Average hourly velocity, 7.3 Extreme velocity, 23
Maximum velocity, 21 Direction, NW
Time began, 10:10 pm
Reduced barometer, 30.04 7 a. m. 29.75 7 p. m.
River gage, 2.2 feet
Relative humidity, 70 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.8 Wet temperature, 51.6
Dew-point, 42 R. humidity, 49 V. pressure, 26.6
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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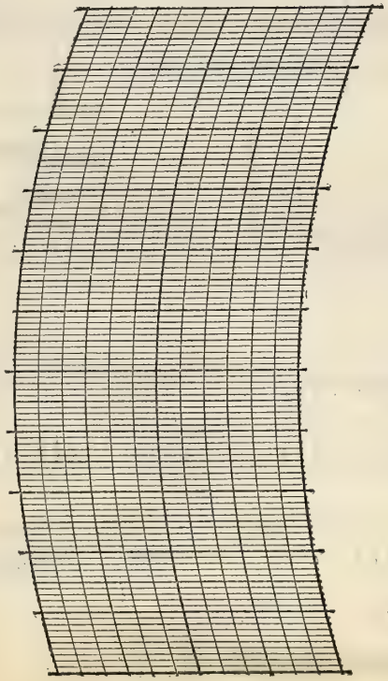
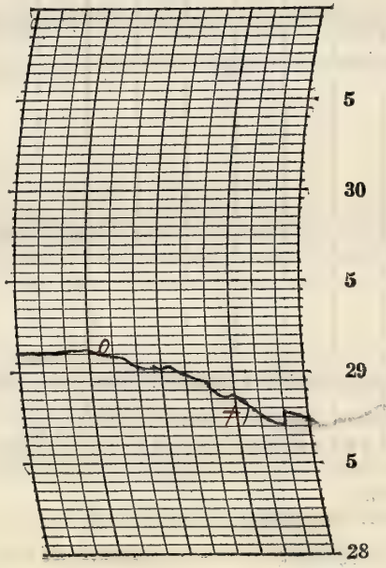


BAROGRAPH.



Prepared by C.H.
Verified by E. L. Hardy

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NOTES

The moon could be seen through the clouds in the earlier part of the evening. Lightning was first seen at 8:25 p.m. and thunder was first heard at 10:00 p.m. while rain began falling at 10:02 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) May 25, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	49	49	48	48	51	52	54	58	59	61
State of weather: Nature of precipitation and time of beginning and ending	RB DNa			RE DNa								
Amounts of precipitation	T											
Cloudiness and other conditions	←			Cloudy					× Pt Cldy		× Cldy	×
Sunrise: Time, 4:15 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.2	0.4	0.8	1.0	1.0	1.0
Wind direction	SE	SW	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	10	8	8	9	11	11	11	9	9	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	66	65	65	63	60	59	55	53	51	50	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy					×	Clear					→
Sunset: Time, 7:01 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0	0.3	0	0				
Wind direction	NE	NE	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	8	11	10	10	14	11	10	7	6	6	7

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

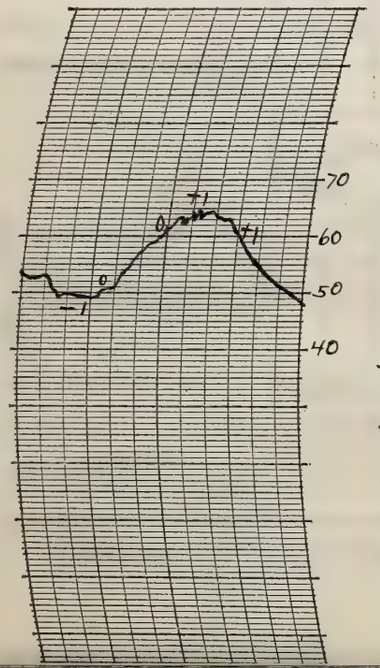
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	48	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.28 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 57
Prevailing wind direction, NE Total wind, 210
Average hourly velocity, 8.8 Extreme velocity, 19
Maximum velocity, 17 Direction, NW
Time began, 5:38 p.m.
Reduced barometer, 29.71 7 a. m. 29.69 7 p. m.
River gage, 2.0 feet
Relative humidity, 88 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 64.2 Wet temperature, 54.8
Dew-point, 43 R. humidity, 52 V. pressure, .277
Clouds: Amount, 4; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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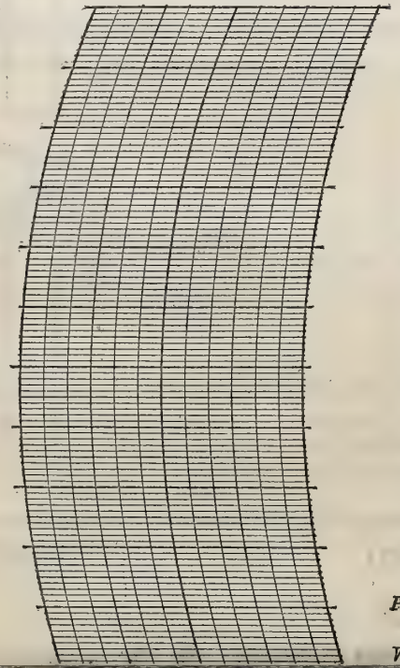

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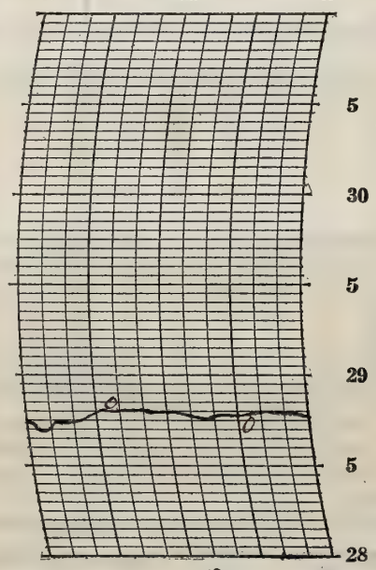


Prepared by C. H.
Verified by E. L. Hardy

NOTES

A 22° solar halo was observed from 11:50 a.m. to shortly after 1:00 p.m. Cumulus clouds covered portions of the halo at times. It was fairly noticeable. The moon and stars were visible in the evening. Occasionally clouds would pass over the moon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) May 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	44	46	51	53	56	58	60	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						× Cldy	× Clr ×
Sunshine (in tenths of hours)					0.77 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	7	6	6	7	7	7	10	9	10	10	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	65	65	64	62	59	57	55	54	53	52	50
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt.		Cldy			→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0.7 0	0.03 0				
Wind direction	NW	NW	NW	NW	NW	N	NW	N	NW	NW	NW	N
Wind movement	13	12	12	13	13	11	7	5	4	4	3	3

State of weather.

Sunrise: Time, 4:14 Character, Clear

Moonrise:

Sunset: Time, 7:02 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	44	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, First-3:12 a.m.

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.9 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 94

Prevailing wind direction, NW Total wind, 197

Average hourly velocity, 8.2 Extreme velocity, 17

Maximum velocity, 17 Direction, NW

Time began, 4:17 p.m.

Reduced barometer, 29.71 7 a. m. 29.65 7 p. m.

River gage, 1.9 feet

Relative humidity, 71 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

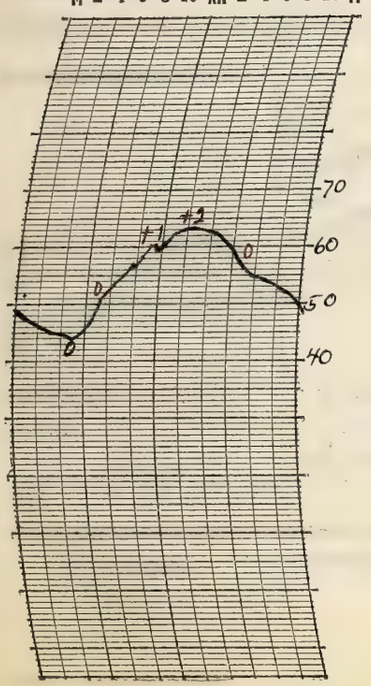
Dry temperature, 60.8 Wet temperature, 49.1

Dew-point, 37 R. humidity, 42 V. pressure, .219

Clouds: Amount, 3; Kind, ~~cu~~ ci cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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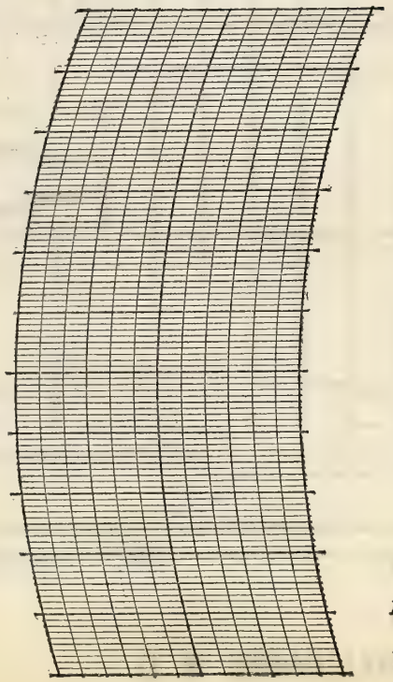
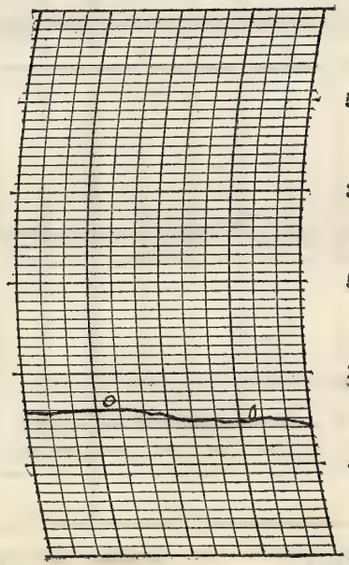


BAROGRAPH.



Prepared by EJH

Verified by E. L. Hardy

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NOTES

A light frost was reported in the early morning from portions of the surrounding country.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) May 27, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	44	47	51	55	58	59	61	63
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					0.78 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	NE	NE	NE	E	E	E	E	E	SE	E
Wind movement	4	3	5	5	5	6	6	6	6	7	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	65	66	66	64	57	56	55	54	53	53
Nature of precipitation and time of beginning and ending				RB 3:05 RE 3:13								
Amounts of precipitation				T								
Cloudiness and other conditions	× Pt Cldy			× Cldy		× Cldy	× Pt		Cldy		→	
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.9	0.4	0	0	0				
Wind direction	S	SW	SW	SW	NW	NE	SW	SW	SW	SW	SW	S
Wind movement	4	4	5	4	3	3	9	6	4	5	4	4

Sunrise: Time, 4:13 Character, Clear
Moonrise:

Sunset: Time, 7:03 Character, Cloudy
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

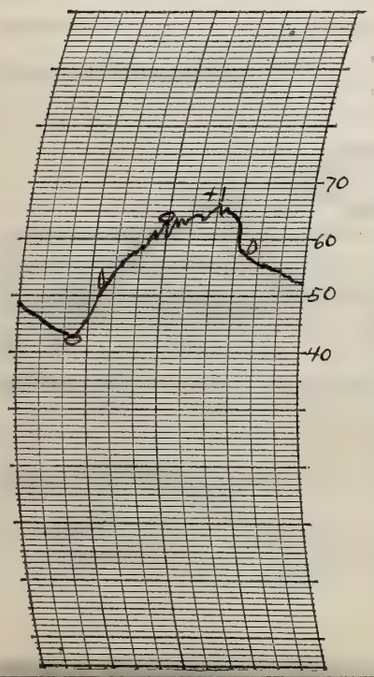
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	43	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.7 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 79
Prevailing wind direction, SW Total wind, 117
Average hourly velocity, 4.9 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 6:05 p.m.
Reduced barometer, 29.66 7 a. m. 29.62 7 p. m.
River gage, 1.7 feet
Relative humidity, 58 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.6 Wet temperature, 48.9
Dew-point, 34 R. humidity, 35 V. pressure, .185
Clouds: Amount, 3; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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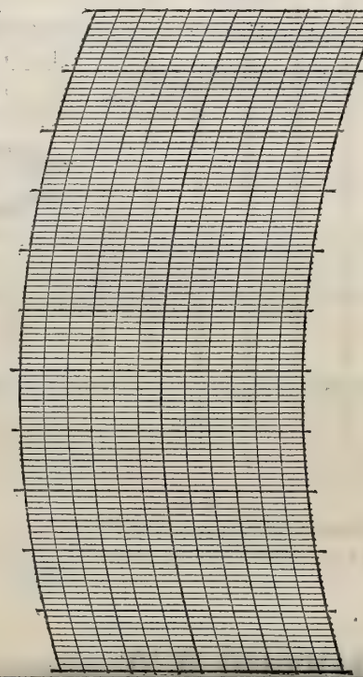
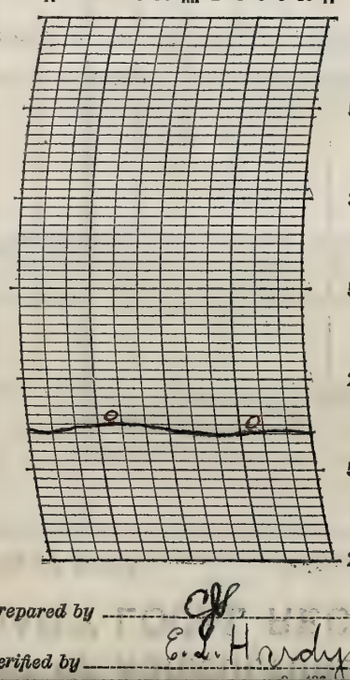


BAROGRAPH.



Prepared by C.H.
Verified by E. L. Hardy

NOTES

It was a pleasant day although cooler than the averages. The morning was clear while the afternoon became more cloudy and was threatening at times. A light sprinkle fell between 3:05 p.m. and 3:13 p.m. It was partly cloudy in the evening and the moon and stars were bright.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) May 28, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	50	48	47	48	51	54	56	58	59	60	60	61	60	61	63	61	59	56	55	54	52	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cloudy						×		Cloudy		×	Pt Cldy		× Clear		×	Pt Cldy			
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0	0.4	0.1 0.9	1.0 0	0.05 0				
Wind direction	S	SW	W	W	W	W	W	N	N	N	N	N	NW	NW	NW	NW	N	NW	NW	N	NW	NW	NW	W
Wind movement	3	7	6	5	5	5	7	11	13	12	12	12	10	9	9	8	8	9	7	5	2	1	2	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:13 Character, Cloudy
Moonrise:

Sunset: Time, 7:03 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

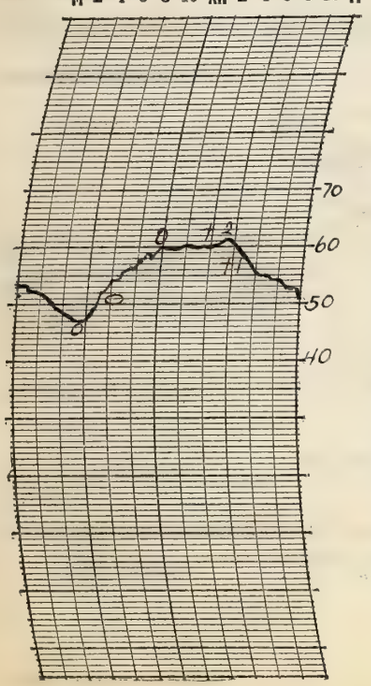
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	47	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.2 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 69
Prevailing wind direction, NW Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 19
Maximum velocity, 17 Direction, N
Time began, 10:56 a. m.
Reduced barometer, 29.64 7 a. m. 29.75 7 p. m.
River gage, 0.2 feet
Relative humidity, 83 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.3 Wet temperature, 50.2
Dew-point, 41 R. humidity, 49 V. pressure, .256
Clouds: Amount, 8; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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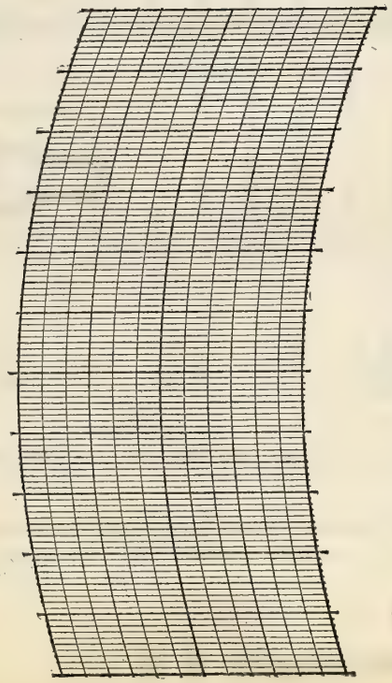
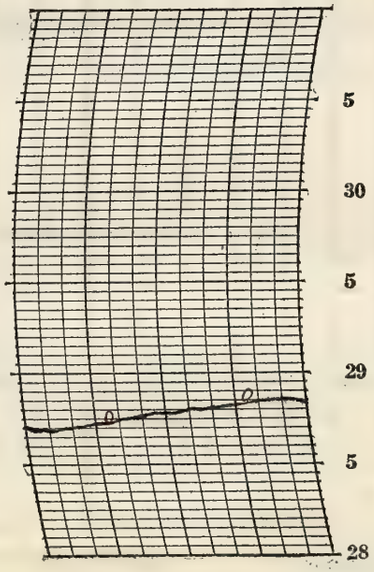


BAROGRAPH.



Prepared by CJ
Verified by E. L. Hardy

8—486

NOTES

Temperatures remained nearly the same and continued below normal. The sky became overcast by afternoon but became clear towards sunset and was partly cloudy during the evening. It was cool in the evening and the stars and moon were visible between the clouds. Only the brighter stars were visible. Light to gentle winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) May 29, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	51	51	51	56	58	59	60	60	59
Nature of precipitation and time of beginning and ending								RB 7:08 RE 7:20		RB 9:18 RE 9:20	RB 10:09 RE 10:15	RB 11:15
Amounts of precipitation								T		T	T	T
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0.2	0	0.5	0.1	0.4	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	8	8	8	9	9	12	13	12	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	61	63	63	63	62	59	57	56	56	55
Nature of precipitation and time of beginning and ending		RE 1:35						RB DHP	RE 9:00			
Amounts of precipitation	T	T						T	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0.3	0.7	0.3	0.1	0.3	0.9 0	0.07 0				
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	10	11	10	8	7	7	5	4	5	3	2	3

Cloudy ← → PT. Cldy → Cldy

Sunrise: Time, 4:12 Character, Cloudy

Moonrise:

Sunset: Time, 7:04 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

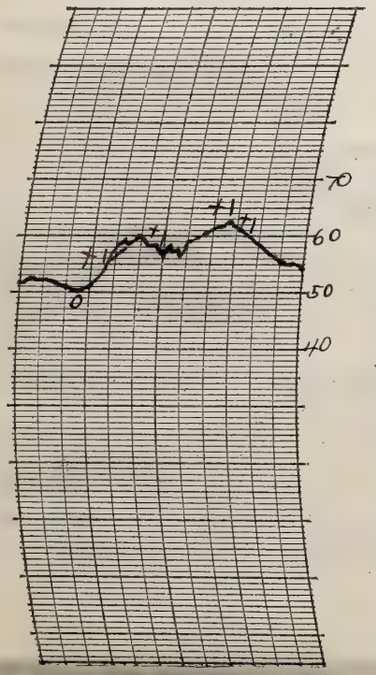
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	50	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.3 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 29
Prevailing wind direction, SW Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 8:26 a.m.
Reduced barometer, 29.74 7 a. m. 29.73 7 p. m.
River gage, 2.0 feet
Relative humidity, 65 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.1 Wet temperature, 53.6
Dew-point, 49 R. humidity, 70 V. pressure, 34.7
Clouds: Amount, 10; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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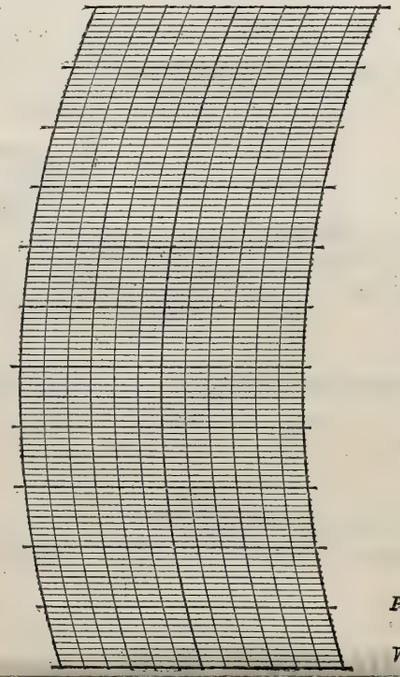
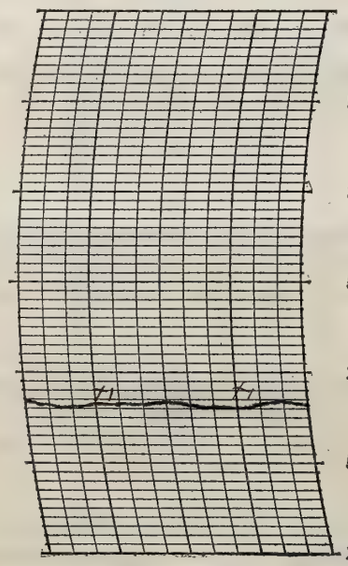


BAROGRAPH.



Prepared by C.V.

Verified by E. L. Hardy

NOTES

A rather unpleasant day with showers in the forenoon and close to noon. Temperatures continue cool. Light to fresh westerly winds prevail.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) May 30, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	54	55	53	51	55	60	62	63	64
Nature of precipitation and time of beginning and ending					RB DNa	RE DNa						
Amounts of precipitation					.03	.01						
Cloudiness and other conditions					← Cldy				× Prt Cldy	× Cldy (Ra)	× Pt Cldy	× Cldy
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	W	NW	NE	E	S	S	S	W
Wind movement	3	3	1	3	3	4	9	7	4	5	7	6

Sunrise: Time, 4:12 Character, Cloudy
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	64	67	67	66	64	62	58	57	55	53	51
Nature of precipitation and time of beginning and ending	RB 12:30	RE 1:05										
Amounts of precipitation	.01	T										
Cloudiness and other conditions	× Cldy	× Pt Cldy			×		Clear					→
Sunshine (in tenths of hours)	0.5	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	N	N	NW	NW	NW	NW	N	NE	NE	NE	N	N
Wind movement	9	7	11	17	15	14	9	6	2	2	4	3

Sunset: Time, 7:05 Character, Clear
Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

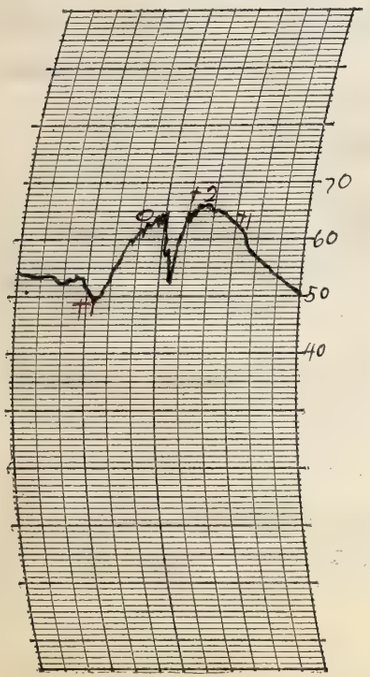
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, 0.5 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 77
Prevailing wind direction, N-NW Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 3:09 p.m.
Reduced barometer, 29.81 7 a. m. 29.86 7 p. m.
River gage, 2.2 feet
Relative humidity, 82 7 a. m. 46 7 p. m.

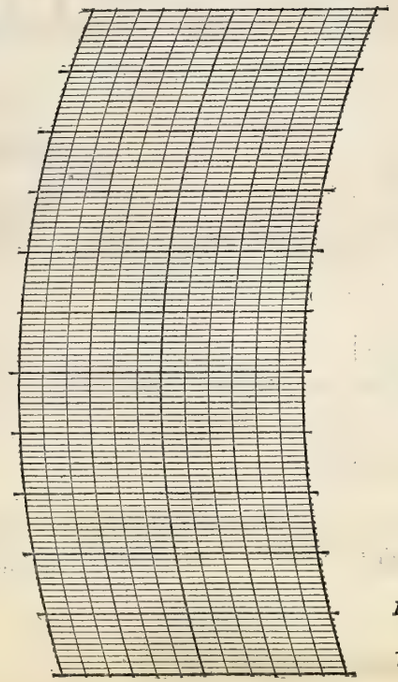
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.9 Wet temperature, 53.6
Dew-point, 45 R. humidity, 51 V. pressure, 298
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

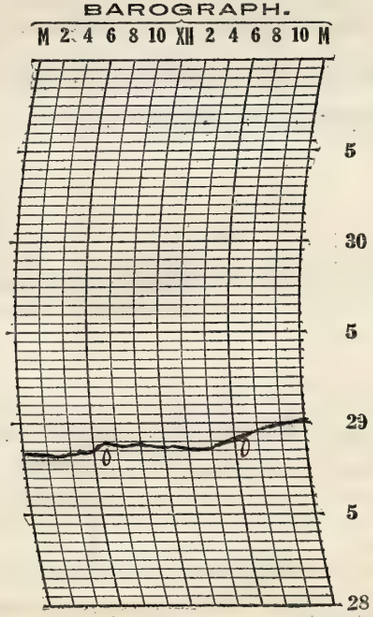
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E. L. Hardy.

8—456

NOTES

It was partly cloudy to cloudy during the day. Light showers fell in the early morning and near noon. Thunder was heard at 12:15 p.m. It cleared up and became quite pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Thursday, (Date) May 31, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	46	46	45	49	52	59	62	65	66	67	71	70	73	73	73	72	70	66	64	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				→		Pt.		Cloudy			→			Clear					→
Sunshine (in tenths of hours)					0.82 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.10 0				
Wind direction	N	NW	NW	NW	W	~~W~~ N	N	N		W	W	W	W	NW	NW	W	W	W	SW	SW	SW	SW	N	N
Wind movement	3	4	3	3	3	4	2	2	5	5	6	6	5	6	7	6	6	5	7	4	4	4	3	1
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear
Moonrise:
Sunset: Time, 7:06 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

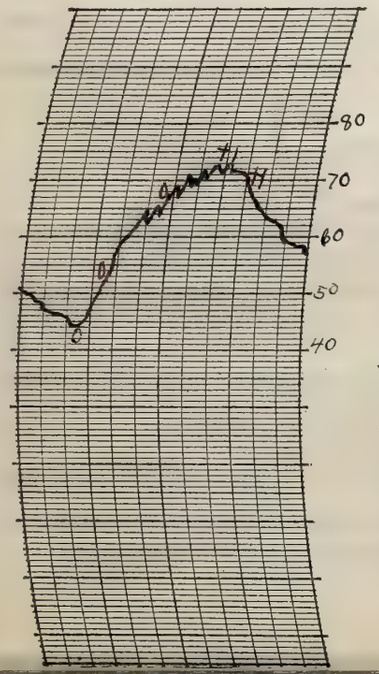
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	44	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 8
Maximum velocity, 8 Direction, NW
Time began, 11:15 2 m.
Reduced barometer, 30.03 7 a. m. 29.92 7 p. m.
River gage, 1.8 feet
Relative humidity, 75 7 a. m. 38 7 p. m.

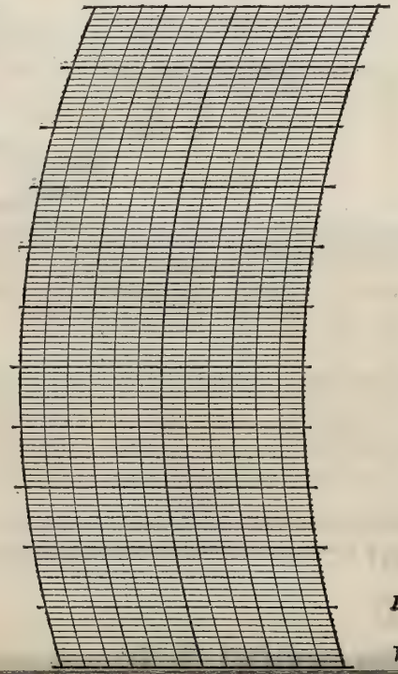
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.9 Wet temperature, 52.8
Dew-point, 40 R. humidity, 38 V. pressure, 24.7
Clouds: Amount, 5; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

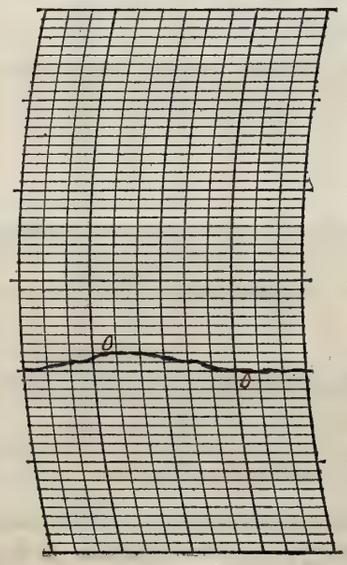
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E. L. Hardy

NOTES

There was bright sunshine during the day light but temperatures remained below normal. Light to gentle westerly winds prevailed. The stars shone brightly in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 1, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	57	57	55	58	61	63	64	65	66	70
State of weather: Nature of precipitation and time of beginning and ending								RB 7:51 RE 7:55				
Amounts of precipitation								T				
Cloudiness and other conditions					←						Cloudy	
Sunrise: Time, 4:11 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0.7	0.5	1.0
Wind direction	N	N	SE	SE	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	3	2	7	6	6	7	8	10	10	9
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	74	73	73	73	72	69	66	65	63	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				×		Pt. Cldy					→	
Sunset: Time, 7:07 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.4	0	0.8	0.3	0	0.5	0	0				
Wind direction	SW	W	W	SW	W	NW	W	W	W	W	W	W
Wind movement	11	10	10	14	14	10	9	6	8	8	11	10

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.2 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 28
Prevailing wind direction, SW Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 4:07 p.m.
Reduced barometer, 29.83 7 a. m. 29.65 7 p. m.
River gage, 1.7 feet
Relative humidity, 58 7 a. m. 39 7 p. m.

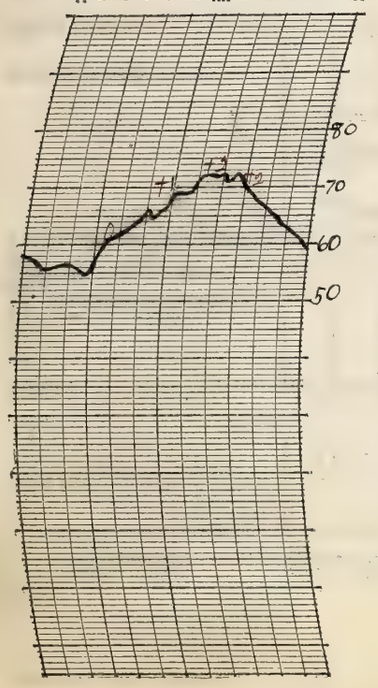
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

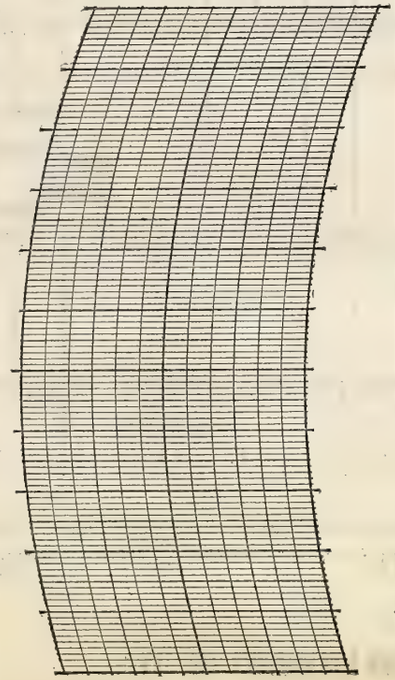
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 61.0
Dew-point, 55 R. humidity, 59 V. pressure, .432
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

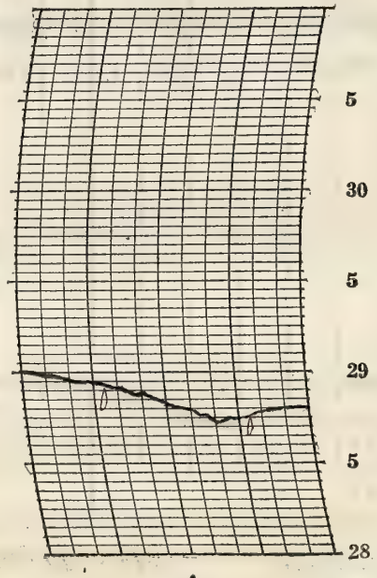
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ.

Verified by E.L.H.

8—486

NOTES

Lightning was observed in the southern part of the sky near 8:00 p.m. Temperatures were close to normal. It became clearer during the day and the stars were visible between the clouds during the evening. A very light sprinkle fell in the morning near 8:00 a.m. Moderate to light westerly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 2, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	53	52	53	54	53	54	55	56	56	56	57	57	58	57	56	55	52	51	50	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear			→	Pt Cldy				Cldy			→			Pt	Cldy				
Sunshine (in tenths of hours)					0.43 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.12 0				
Wind direction	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	W	W
Wind movement	7	6	4	5	8	8	13	13	13	14	13	13	15	12	13	13	12	11	10	5	3	3	3	2

Sunrise: Time, 4:10 Character, Clear
Moonrise:
Sunset: Time, 7:07 Character, Clear
Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

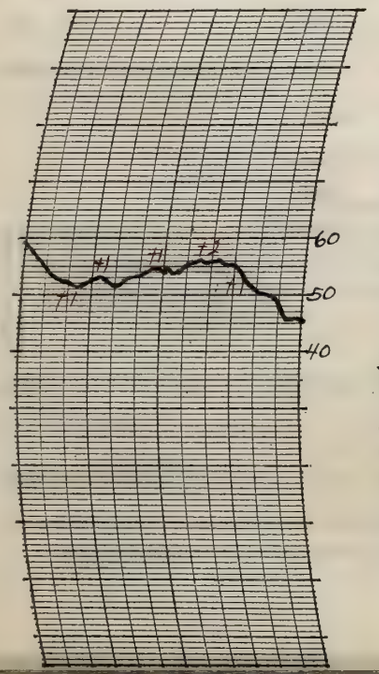
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	46	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 9:30 a.m.
Reduced barometer, 29.80 7 a. m. 29.93 7 p. m.
River gage, 1.6 feet
Relative humidity, 71 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 49.0
Dew-point, 43 R. humidity, 61 V. pressure, .277
Clouds: Amount, 8; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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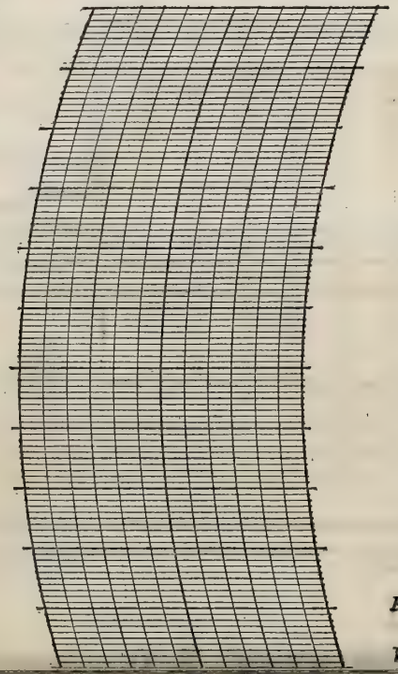
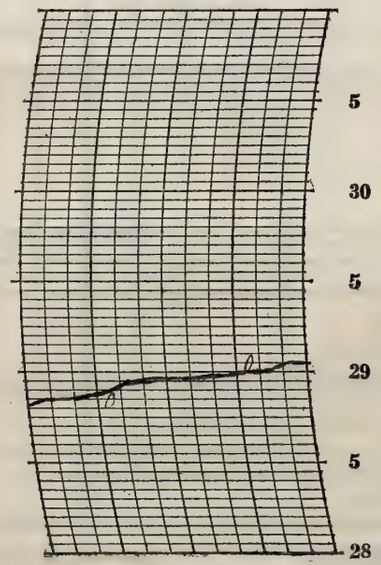


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

The day, as a whole, was partly cloudy. Temperatures remained practically the same during the day and light to moderate westerly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 3, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	45	46	47	50	54	58	59	60	62	64	64	64	64	63	62	62	60	58	58	56	53
State of weather: Nature of precipitation and time of beginning and ending																						RB 9:15		
Amounts of precipitation																						T	T	T
Cloudiness and other conditions	Pt Cldy (?)				Cldy			Pt Cldy					Cloudy											
Sunrise: Time, 4:10 Character, Cloudy																					Sunset: Time, 7:08 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.1	0.3	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0					
Wind direction	W	O	W	WN		E	E	E	SE	SE	E	E	E	E	E	E	SE	SE	E	E	E	E	E	E
Wind movement	1	0	1	1	3	5	5	5	6	6	7	7	7	8	9	7	6	6	5	6	9	9	10	8
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 9.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 60
Prevailing wind direction, E Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 1:26 p.m.
Reduced barometer, 30.02 7 a. m. 29.99 7 p. m.
River gage, 0.6 feet #
Relative humidity, 68 7 a. m. 47 7 p. m.

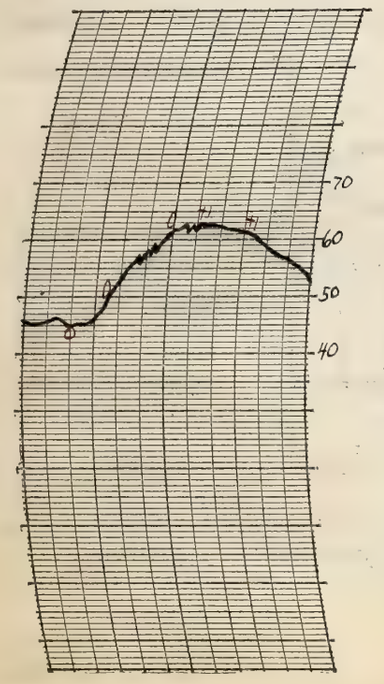
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

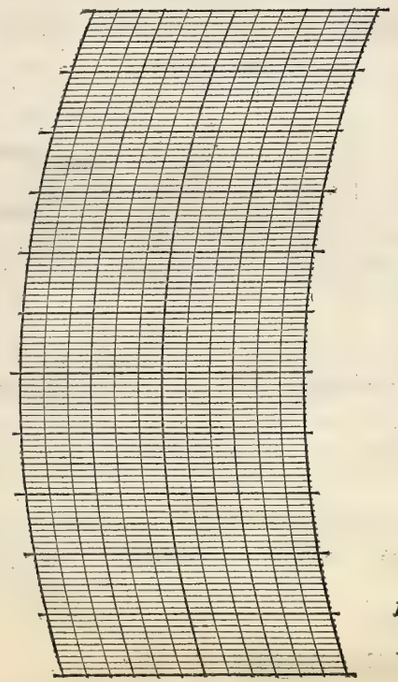
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 61.8 Wet temperature, 49.0
Dew-point, 36 R. humidity, 38 V. pressure, .211
Clouds: Amount, 8; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

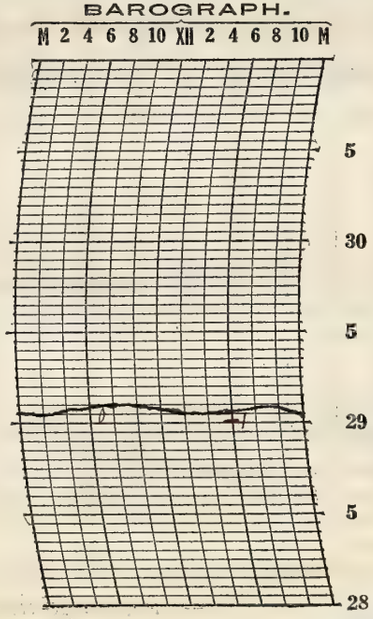
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E. L. H.

8—486

NOTES

Rollers down.

It was a pleasant day becoming completely cloudy in the afternoon. A light sprinkle began in the evening at 9:15 p.m. and continued. Temperatures continued under normal. There was a heavy dew in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 4, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	48	48	48	48	49	50	49	50	50	51	52	53	54	54	54	53	53	52	52	52	51
State of weather: Nature of precipitation and time of beginning and ending																		RE 5:30	RB 6:30			RE 9:30 P		
Amounts of precipitation	.03	.05	.02	.04	.10	.04	.07	.09	.01	.07	.15	.05	.03	.02	.01	T	T	T	.01	T	T	T		
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	9	9	11	12	15	16	14	13	18	17	17	17	16	15	15	15	14	13	14	12	12	11	12	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:10 Character, Cloudy
Moonrise:
Sunset: Time, 7:09 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

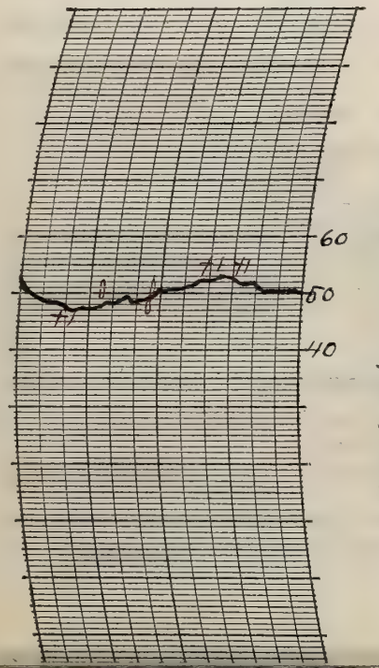
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	48	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.34 ins.; to 7 p. m., .45 ins.
Total precipitation, midnight to midnight, .79 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 328
Average hourly velocity, 13.7 Extreme velocity, 24
Maximum velocity, 23 Direction, NE
Time began, 8:51 a.m.
Reduced barometer, 29.92 7 a. m. 29.84 7 p. m.
River gage, 0.7 feet
Relative humidity, 100 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.9 Wet temperature, 49.5
Dew-point, 49 R. humidity, 97 V. pressure, .347
Clouds: Amount, 10; Kind, stu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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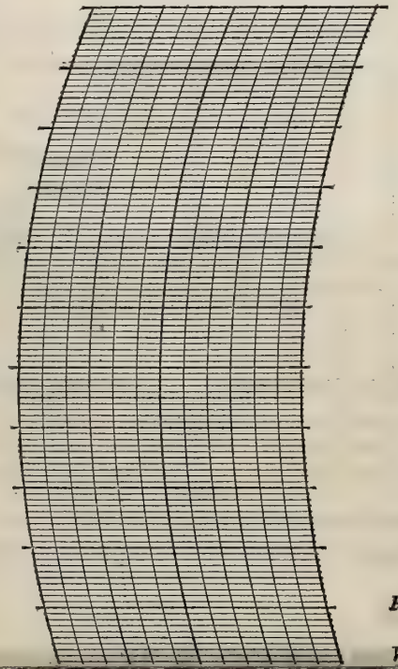
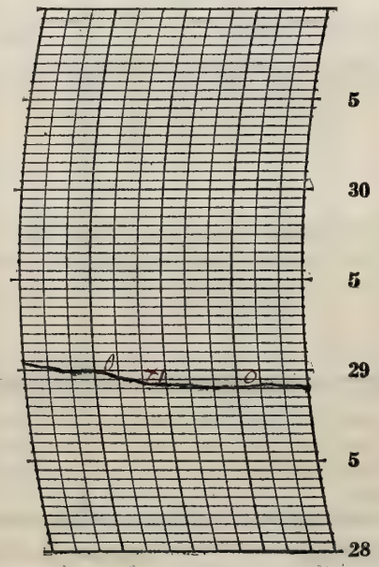


BAROGRAPH.



Prepared by CJ

Verified by E. L. H.

NOTES

It rained nearly all day. A steady rain fell during the morning becoming lighter in the afternoon and finally dwindled to very light sprinkles. The sky was overcast all day with temperatures remaining nearly the same and quite cool. Gentle to fresh easterly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) **Tuesday**, (Date) June 5, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	52	52	52	52	52	52	52	53	57	59
State of weather: Nature of precipitation and time of beginning and ending		RB DNa									RE 10:10	
Amounts of precipitation		T	.01	.08	.03	T	.03	.02	.09	.61	T	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.4	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	9	9	9	9	9	8	11	10	7	9	7

Sunrise: Time, 4:09; Character, Cloudy. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	63	63	63	63	63	63	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending			RB 2:00 RE 2:16	RB 3:15	RE 4:30			RB 7:13 RE 7:25				
Amounts of precipitation			T	.01	T			T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	1.0	0.7	0	0	0	0	0	0				
Wind direction	E	E	NE	E	E	E	SE	SE	SE	S	S	S
Wind movement	7	6	8	6	9	8	5	5	8	8	7	8

Sunset: Time, 7:29; Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
DNa	10:10a	0.87	9:11a ~~8:57a~~	9:37a ~~8:37a~~	0.32 ~~0.25~~	0.06 ~~0.02~~	0.21 ~~0.05~~	0.36 ~~0.07~~	0.44 ~~0.21~~	0.51 ~~0.39~~	0.53 ~~0.48~~	~~0.55~~	~~0.60~~						

Excessive precipitation, accumulated amounts

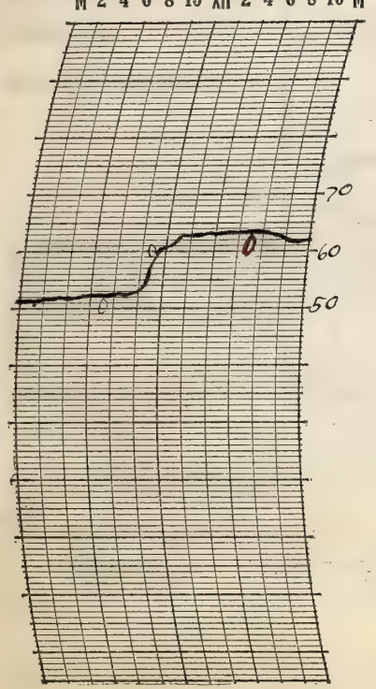
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	51	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., .72 ins.
Total precipitation, midnight to midnight, 0.88 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 21
Prevailing wind direction, E Total wind, 193
Average hourly velocity, 6.7 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 10:01 a.m.
Reduced barometer, 29.79 7 a. m. 29.58 7 p. m.
River gage, 1.9 feet.
Relative humidity, 97 7 a. m. 96 7 p. m.

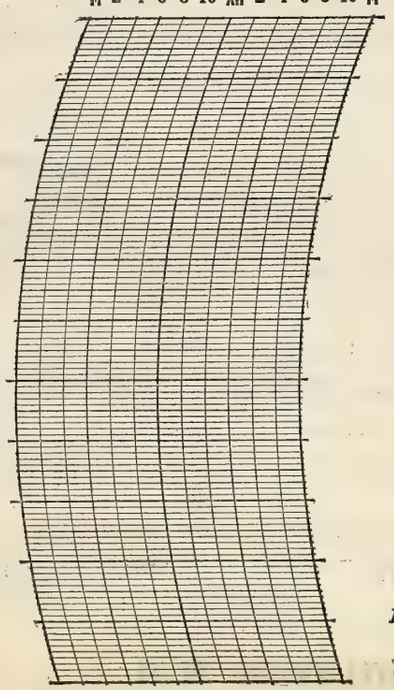
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 58.9 Wet temperature, 57.1
Dew-point, 56 R. humidity, 90 V. pressure, 4.48
Clouds: Amount, 10; Kind, St Cu; Direction, E
Velocity of clouds (miles per hour)

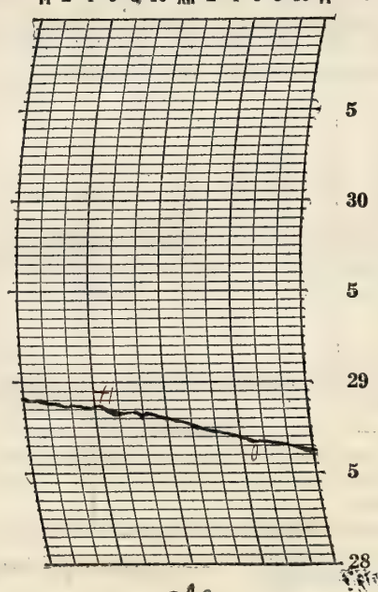
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E. L. H.

NOTES

It rained during most of the morning and there were some light showers in the afternoon and evening. It was cloudy all day with thicker clouds near noontime. Temperatures continue to remain cool but showed an upward tendency during the day. Light to moderate easterly winds prevailed. Lightning was observed in the southwestern part of the sky at 9:19 a.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 6, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	57	55	54	54	54	53	53	52	52	53	52
State of weather: Nature of precipitation and time of beginning and ending	RB DNa		RE DNa					RB 7:49	RE 8:30		RB 10:50	
Amounts of precipitation	T	.02	.01					T	T		T	.04
Cloudiness and other conditions												Cloudy
Sunrise: Time, 4:09 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	W	W	SW	W	SW	W	W	SW	W	W	W
Wind movement	12	13	15	15	14	14	14	14	13	14	13	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	53	54	54	54	53	53	52	52	53	53
State of weather: Nature of precipitation and time of beginning and ending												RE DNp
Amounts of precipitation	.02	.02	.01	.02	T	.01	.01	.04	.01	T	.01	T
Cloudiness and other conditions												
Sunset: Time, 7:10 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	W	W	W	W	N	N	N	N	N	NW	NW	NW
Wind movement	9	9	8	6	9	11	12	12	14	14	15	15

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	52	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 1.3 ins.

Total precipitation, midnight to midnight, 1.22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 294

Average hourly velocity, 12.2 Extreme velocity, 20

Maximum velocity, 19 Direction, W

Time began, 1:58 p.m.

Reduced barometer, 29.59 7 a. m. 29.68 7 p. m.

River gage, 8.4 feet

Relative humidity, 89 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

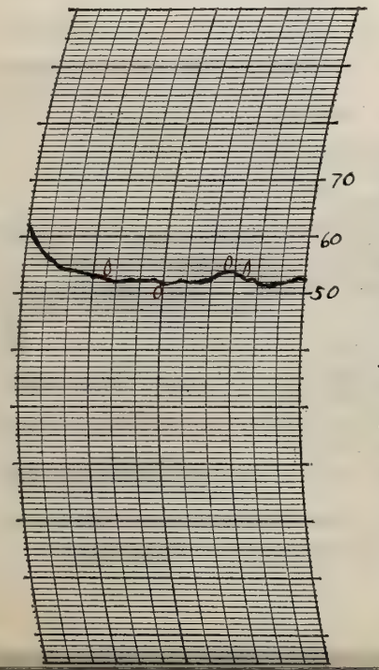
Dry temperature, 52.0 Wet temperature, 51.1

Dew-point, 50 R. humidity, 95 V. pressure, .360

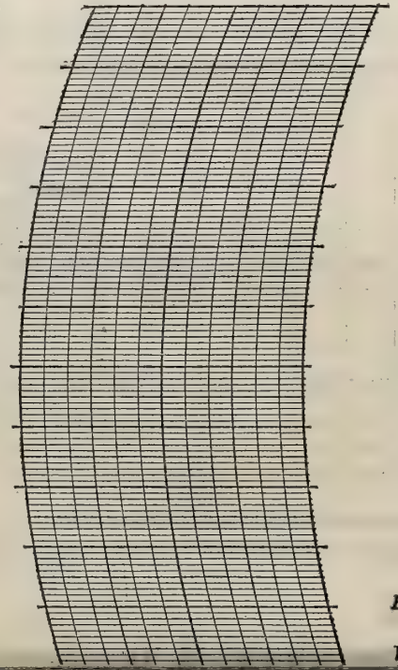
Clouds: Amount, 10; Kind, nb; Direction, SW

Velocity of clouds (miles per hour)

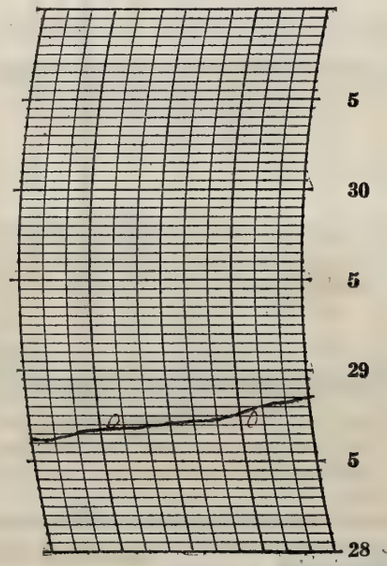
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ.

Verified by E.L.H.

NOTES

It was cloudy all day. There were several light rains in the early part of the morning and another one commenced near 11:00 a.m. and continued nearly the rest of the day. Temperatures remained nearly the same all day and were rather cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 7, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	49	51	54	58	62	65	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy			×			Clear	
Sunshine (in tenths of hours)					0.85 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	N	NW	NW	NW	N	NW	NW
Wind movement	13	11	9	9	8	8	7	8	5	7	5	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	72	74	72	72	70	67	65	63	62	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					× Pt Cldy	×	Cldy	× Pt Cldy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	1.0	0.1	0				
Wind direction	W	NW	NW	W	W	W	SW	SW	S	SW	S	SW
Wind movement	9	7	6	6	5	3	4	4	6	6	5	6

Sunrise: Time, 4:09; Character, Clear. Moonrise:

Sunset: Time, 7:10; Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

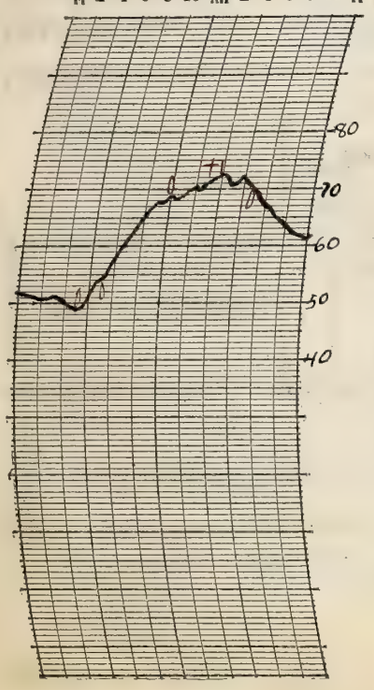
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.6 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 92
Prevailing wind direction, NW Total wind, 165
Average hourly velocity, 6.9 Extreme velocity, 17
Maximum velocity, 16 Direction, N
Time began, 12:50 a.m.
Reduced barometer, 29.90 7 a. m. 29.89 7 p. m.
River gage, 9.0 feet
Relative humidity, 70 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.2 Wet temperature, 55.8
Dew-point, 45 R. humidity, 42 V. pressure, .298
Clouds: Amount, 2; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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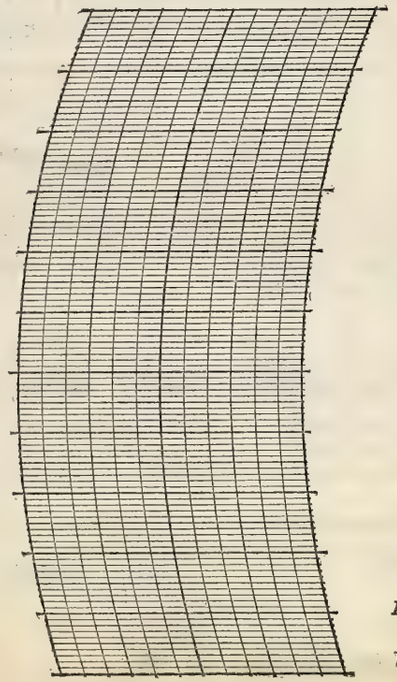
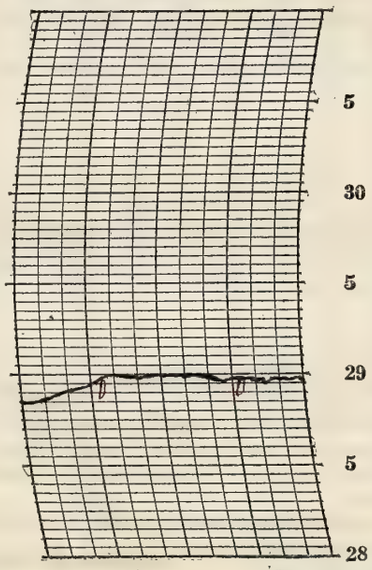


BAROGRAPH.



Prepared by EJS

Verified by E. L. H.

8—486

NOTES

It cleared up during the morning but became part cloudy to cloudy during the late afternoon and evening. Temperatures warmed up during the day but still remain below normal. Light to moderate westerly winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 8, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	61	60	61	62	60	59	58	57	56
Nature of precipitation and time of beginning and ending								RB 7:01				
Amounts of precipitation								.01	T	.07	.05	.09
Cloudiness and other conditions					←						Cloudy	
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	SW	S	S	S	S	S	S	S	S	S	SE
Wind movement	7	7	8	7	7	12	14	16	15	15	12	16

Sunrise: Time, 4:09 Character, Cloudy. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	59	62	64	65	64	62	62	62	61	61
Nature of precipitation and time of beginning and ending			RE 2:30									
Amounts of precipitation	.03	.01	T									
Cloudiness and other conditions								Pt Cldy				→
Sunshine (in tenths of hours)	0	0	0	0	0.1	0.4	0.1	0				
Wind direction	SE	SE	S	W	W	W	W	W	W	SW	SW	SW
Wind movement	10	6	3	6	6	6	5	6	6	8	6	5

Sunset: Time, 7:11 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

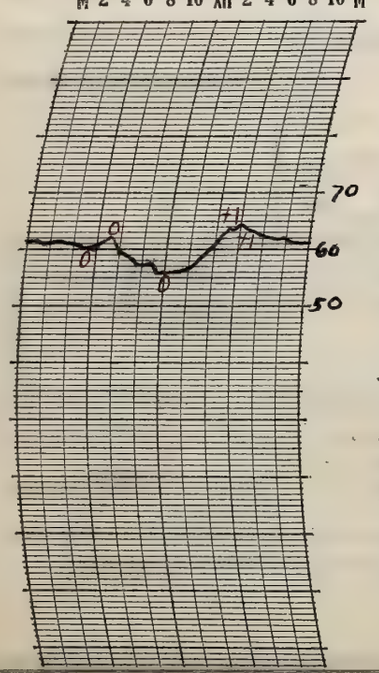
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	56	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 4
Prevailing wind direction, S Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 24
Maximum velocity, 22 Direction, S
Time began, 11:18 a m
Reduced barometer, 29.72 7 a. m. 29.65 7 p. m.
River gage, 8.1 feet
Relative humidity, 74 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.0 Wet temperature, 55.8
Dew-point, 56 R. humidity, 99 V. pressure, .448
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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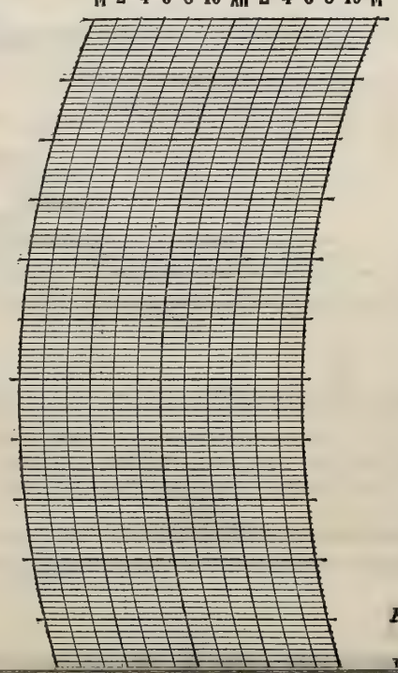

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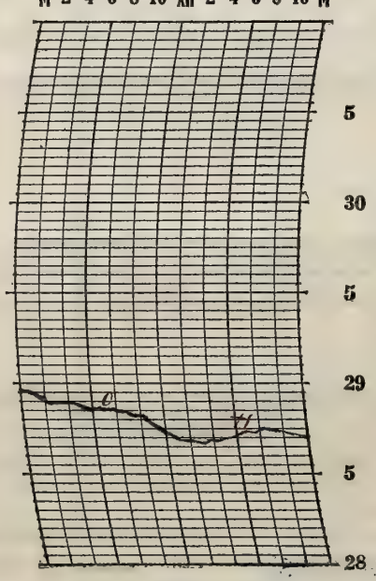


Prepared by CH

Verified by E.L.H.

NOTES

It was cloudy during the morning with a rain beginning at 7:01 a.m. and continuing until mid afternoon. It commenced clearing up and was partly cloudy during the evening. Stars were visible between the clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Saturday~~, (Date) June 9, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	62	62	62	63	65	67	67	69	68
Nature of precipitation and time of beginning and ending		RB DNa RE DNa										
Amounts of precipitation		T										
Cloudiness and other conditions					← Cldy					X		
Sunshine (in tenths of hours)					0	0	0	0.3	0.8	1.0	1.0	1.0
Wind direction	SW	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	9	7	8	7	6	8	7	7	9	12	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	59	58	58	57	56	54	53	53	51	49
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Part Cloudy							→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0#	1.0#	0.6#	0				
Wind direction	NW	NW	NW	NW	NW#	NW#	NW#	NW	NW	NW	NW	NW
Wind movement	15	17	16	17	16+	12+	9+	7	7	6	7	5

State of weather.

Sunrise: Time, 4:08 Character, Cloudy

Moonrise:

Sunset: Time, 7:42 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 10.7 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 71

Prevailing wind direction, NW Total wind, 242

Average hourly velocity, 10.1 Extreme velocity, 23

Maximum velocity, 22 Direction, NW

Time began, 3:07 p.m.

Reduced barometer, 29.66 7 a. m. 29.91 7 p. m.

River gage, 8.8 feet

Relative humidity, 88 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

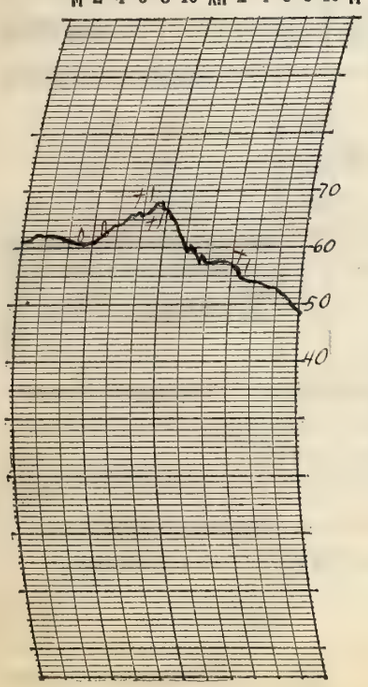
Dry temperature, 67.9 Wet temperature, 58.6

Dew-point, 54 R. humidity, 58 V. pressure, .417

Clouds: Amount, 3; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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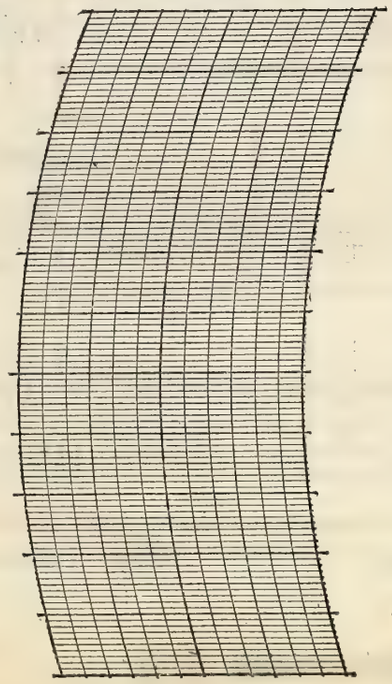

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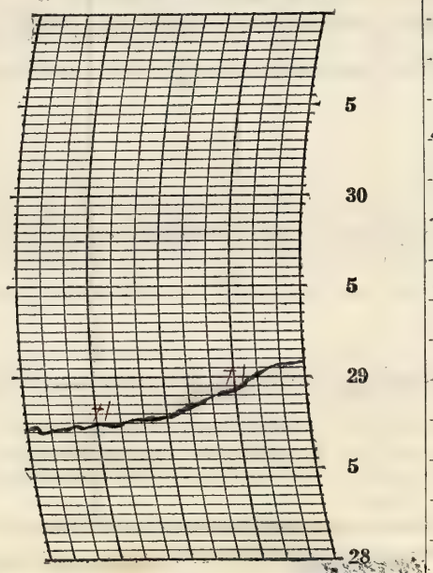


Prepared by EJS

Verified by E. L. H.

8—486

NOTES

Observed + Estimated

There was a light sprinkle in the early morning. It cleared up somewhat during the day and the stars were observed between the clouds in the evening. Fresh to gentle winds prevailed mostly westerly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 10, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	44	46	51	54	57	60	61	62	63	65	68	68	67	66	64	61	59	58	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					PtCldy	×	Cldy	×				Pt	Cldy						×	Clear			→	
Sunrise: Time, Character, 4:08 Clear																					Sunset: Time, Character, 7:12 Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.67 0.2	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.6	0	0				
Wind direction	NW	NW	NW	W	W	W	W	W	W	NW	W	W	NW	NW	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	4	3	3	4	3	4	3	4	6	7	6	5	6	6	6	4	5	3	3	3	3	2	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

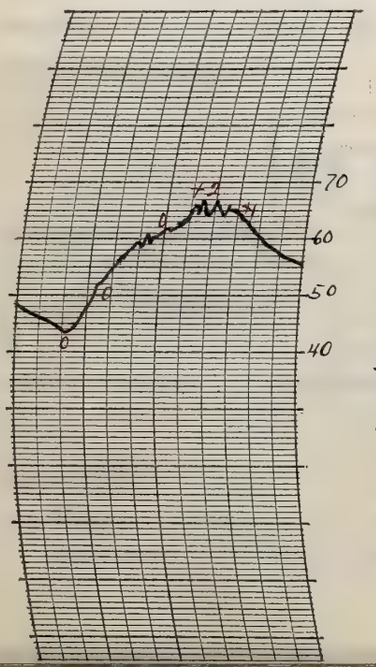
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 87
Prevailing wind direction, W Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 9:09 2 m.
Reduced barometer, 30.13 7 a. m. 30.07 7 p. m.
River gage, 9.0 feet
Relative humidity, 77 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.9 Wet temperature, 50.8
Dew-point, 40 R. humidity, 46 V. pressure, .247
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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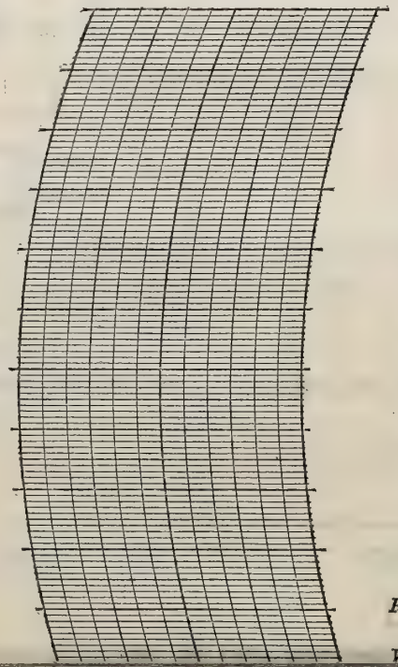
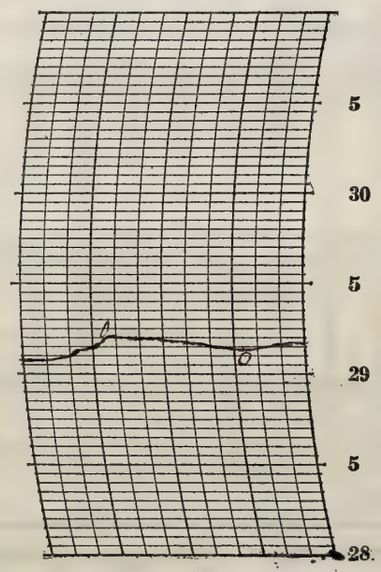


BAROGRAPH.



Prepared by CH

Verified by P.Y.H.

NOTES

Temperatures were cool most of the day. Light to gentle westerly winds prevailed. During the morning it was partly cloudy to cloudy and became clear near evening although some clouds were before the face of the sun at sunset.

A heavy dew fell in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 11, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	52	52	56	60	64	65	67	67	68	69	70	70	70	69	69	68	64	62	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear				→	Partly		Clear				Pt Cldy					
Sunrise: Time, 4.08 Character, Clear																					Sunset: Time, 7.13 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.87 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	SE	SE
Wind movement	4	2	5	4	1	2	4	4	6	6	7	7	6	7	7	7	5	4	4	4	6	6	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 12.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 80

Prevailing wind direction, SE Total wind, 119

Average hourly velocity, 5.0 Extreme velocity, 10

Maximum velocity, 10 Direction, SE

Time began, 1:56 p.m.

Reduced barometer, 30.08 7 a. m. 29.99 7 p. m.

River gage, 7.9 feet

Relative humidity, 59 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

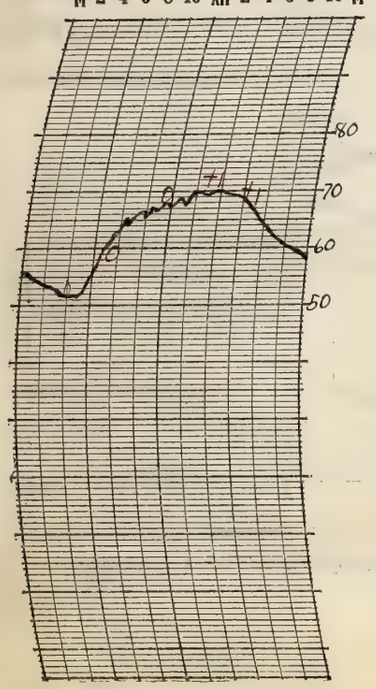
Dry temperature, 68.0 Wet temperature, 53.9

Dew-point, 42 R. humidity, 39 V. pressure, .266

Clouds: Amount, Few; Kind, Cu at 7; Direction, SE W

Velocity of clouds (miles per hour)

THERMOGRAPH



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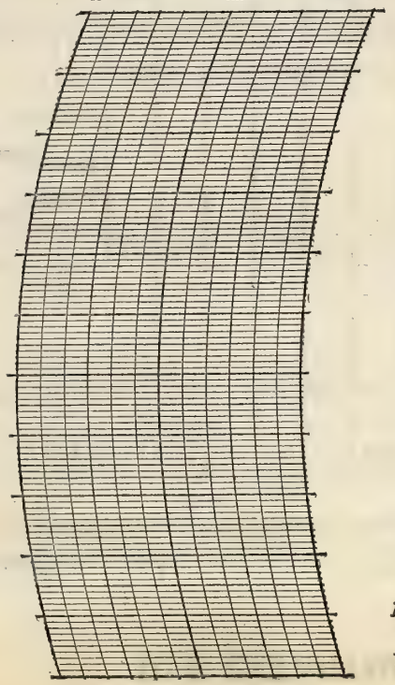

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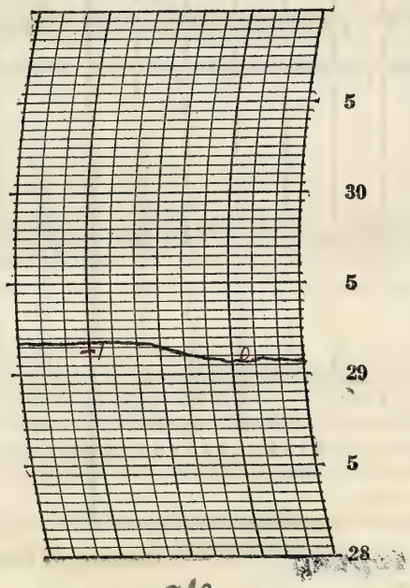


Prepared by CJS

Verified by E. L. H.

8—486

NOTES

It was a clear pleasant day with temperatures still below normal. High clouds were, as a rule, the only ones visible. Light to gentle winds blew throughout the day. The stars were shining brightly in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Tuesday, (Date) June 12, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	55	54	55	58	60	65	67	71	74	77	80	82	83	83	82	81	79	76	73	73	72	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy						→	Pt Cldy					×Cldy	×Pt Cldy					
Sunshine (in tenths of hours)					0	0	0.1	0	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.1	0				
Wind direction	SE	E	E	E	SE	SE	SE	S	S	S	S	S	S	S	SW	SW	S	S	S	S	S	S	S	SW
Wind movement	4	5	5	4	3	3	2	4	6	7	9	11	11	11	12	12	11	10	10	8	8	9	12	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:08 Character, Cloudy
Moonrise:
Sunset: Time, 7:13 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

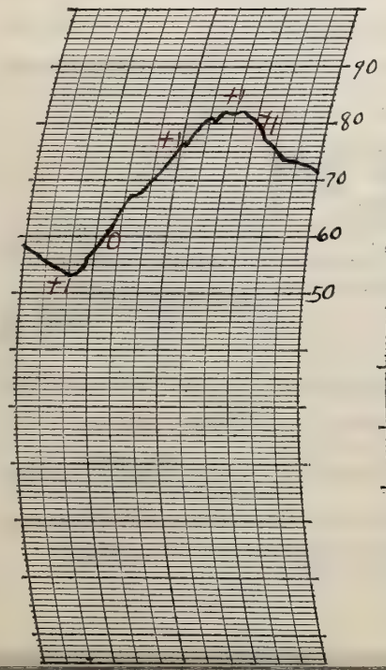
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 7.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 52
Prevailing wind direction, S Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 10:17 a.m. p.m.
Reduced barometer, 29.78 7 a. m. 29.81 7 p. m.
River gage, 6.3 feet
Relative humidity, 89 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.7 Wet temperature, 67.9
Dew-point, 64 R. humidity, 64 V. pressure, .595
Clouds: Amount, 7; Kind, Cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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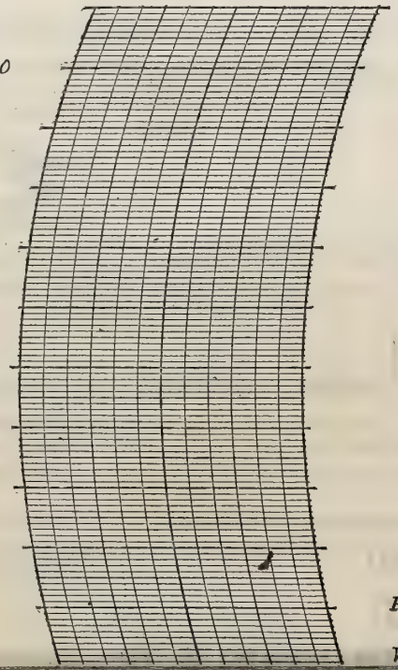

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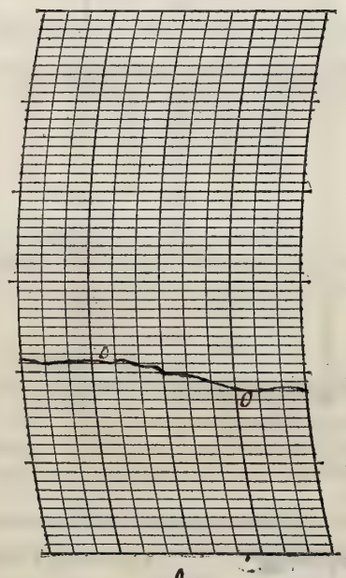


Prepared by CJ.
Verified by E.L.H.

NOTES

Temperatures were near normal today and it continued warm into the night. It was cloudy in the forenoon becoming partly cloudy to cloudy in the afternoon and evening. Light to moderate southerly winds prevailed.

A rain bow was reported to have been observed in the southeastern part of the sky close to 7:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 13, 1928

Time (local standard) 00 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	72	72	72	70	69	73	74	76	78	78
Nature of precipitation and time of beginning and ending						RB 5:40	RE 6:10					
Amounts of precipitation						T	T					
Cloudiness and other conditions					← Cloudy ×				Pt Cloudy ×			
Sunshine (in tenths of hours)					0	0	0.1	0.7	1.0	1.0	1.0	1.0
Wind direction	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	8	9	10	14	11	13	17	18	22	20

Sunrise: Time, 4:08 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	78	77	77	76	75	73	71	68	66	64
Nature of precipitation and time of beginning and ending								RB 7:55	RE 8:05			
Amounts of precipitation								T	T			
Cloudiness and other conditions				Cloudy								→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	21	16	16	20	14	16	11	11	9	9	7	7

Maximum velocities (exceeding 24 miles) direction and time: 36 SW 12:10

Sunset: Time, 7:14 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 10.6 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 70

Prevailing wind direction, SW Total wind, 319

Average hourly velocity, 13.3 Extreme velocity, 27

Maximum velocity, 26 Direction, SW

Time began, 12:10 p.m.

Reduced barometer, 29.74 7 a. m. 29.80 7 p. m.

River gage, 5.0 feet

Relative humidity, 81 7 a. m. 68 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

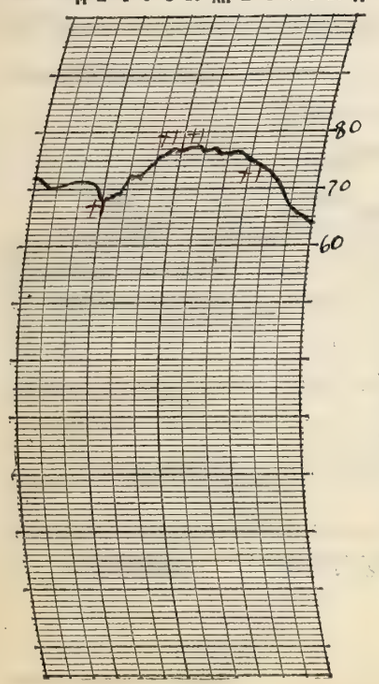
Dry temperature, 77.7 Wet temperature, 66.9

Dew-point, 61 R. humidity, 57 V. pressure, 5.36

Clouds: Amount, 2; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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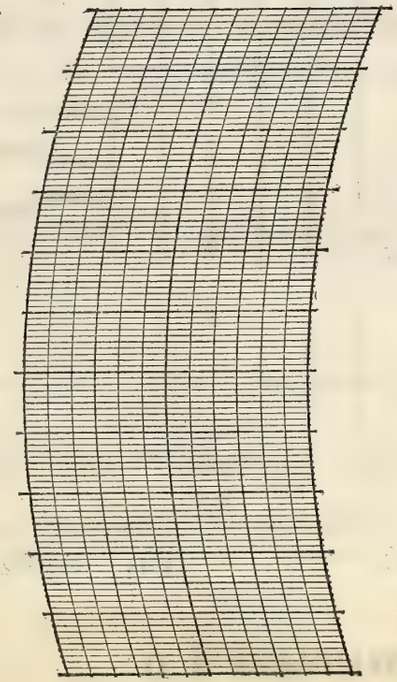

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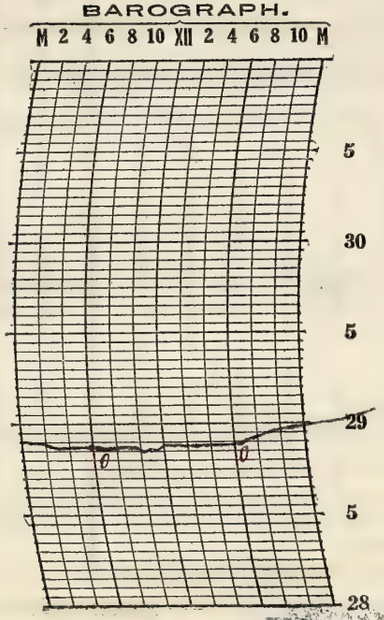


Prepared by EJ

Verified by E.L.H

8—486

NOTES

A light rain occurred in the morning about an hour and a half after sunrise. The sky continued mostly cloudy throughout the day and another light shower occurred near 8:00 p.m. The stars were visible later in the evening, between the clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 14, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	61	62	64	68	71	72	74	75	77	78	79	79	79	76	71	66	63	61	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy				×	Clear						× Pt Cldy				Clear				→
Sunshine (in tenths of hours)					0.8 / 0	0.6 / 0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	1.0 / 0	0.23 / 0				
Wind direction	W	SW	W	W	W	W	W	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	6	5	7	3	6	6	8	7	7	9	9	8	10	9	11	10	7	8	10	11	7	6	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

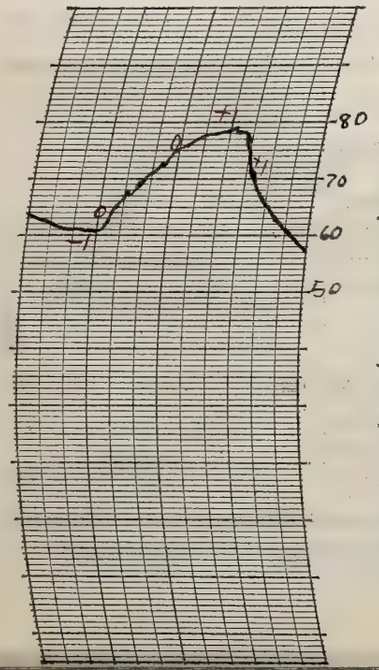
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	58	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 98
Prevailing wind direction, W Total wind, 182
Average hourly velocity, 7.6 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 1:41 p.m.
Reduced barometer, 29.98 7 a. m. 30.02 7 p. m.
River gage, 4.3 feet
Relative humidity, 70 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.3 Wet temperature, 60.1
Dew-point, 50 R. humidity, 40 V. pressure, .360
Clouds: Amount, Cu; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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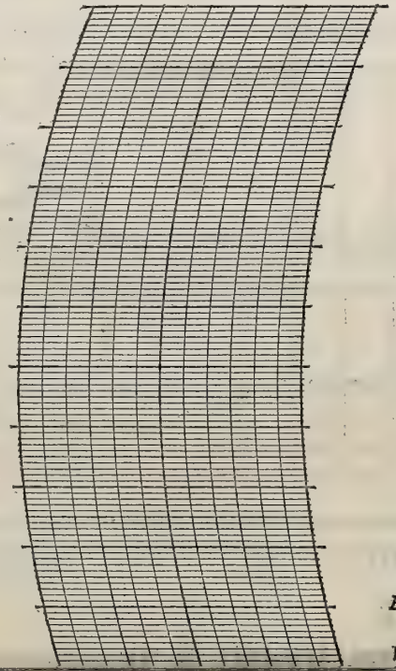
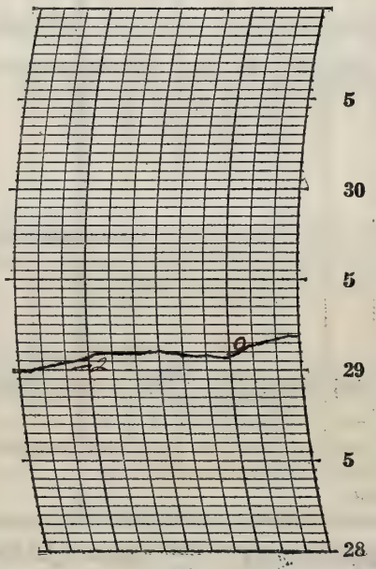


BAROGRAPH.



Prepared by [illegible]

Verified by E.T.R.

NOTES

Temperatures were near the average during the day. The stars were quite brilliant in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 15, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	51	50	52	55	58	61	63	64	64	65	66	68	68	67	66	65	61	58	57	54	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					x	x					Clear						→
Sunshine (in tenths of hours)					0.87 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.2	0.23 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	8	6	6	6	6	9	9	9	9	9	9	7	9	8	8	8	8	9	7	7	8	6	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

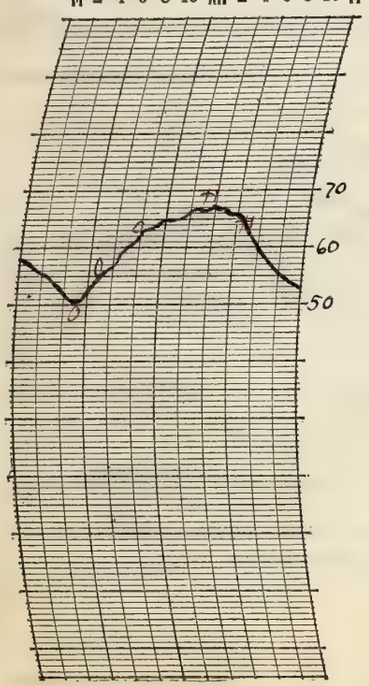
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	50	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 9:34 a.m.
Reduced barometer, 30.24 7 a. m. 30.16 7 p. m.
River gage, 3.7 fall
Relative humidity, 71 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.9 Wet temperature, 50.4
Dew-point, 37 R. humidity, 37 V. pressure, .219
Clouds: Amount, 5; Kind, si; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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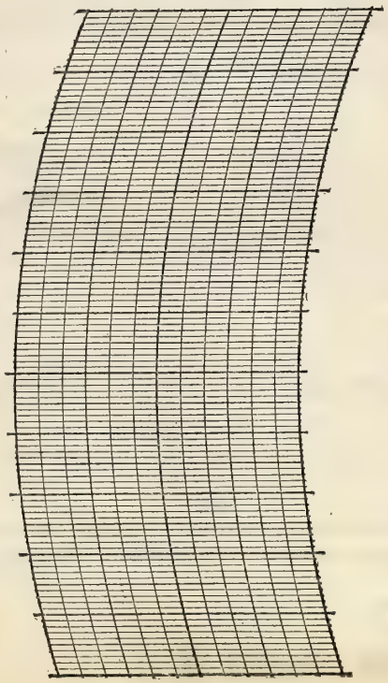
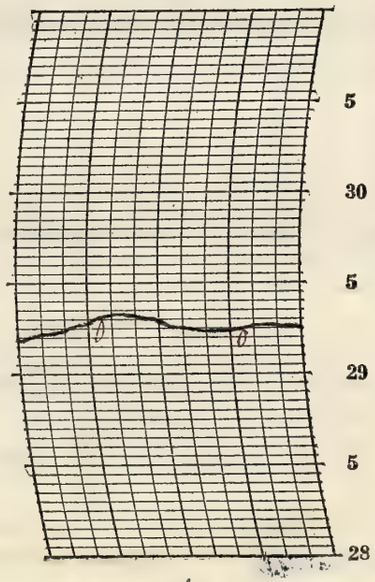


BAROGRAPH.



Prepared by E.S.
Verified by E.L.H

8—486

NOTES

A clear pleasant day with the stars shining brightly in the evening. Temperatures, however, were under normal and it felt cool in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 16, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	47	48	53	57	61	64	67	69	70	71	72	74	74	74	73	71	65	61	59	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					×			Part		Cloudy				→			
Sunrise: Time, 4.08 Character, Clear																					Sunset: Time, 7.15 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.87 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0				
Wind direction	E	E	E	E	NE	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	5	4	4	5	6	7	8	12	10	7	5	4	5	6	5	5	6	5	5	10	10	9	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

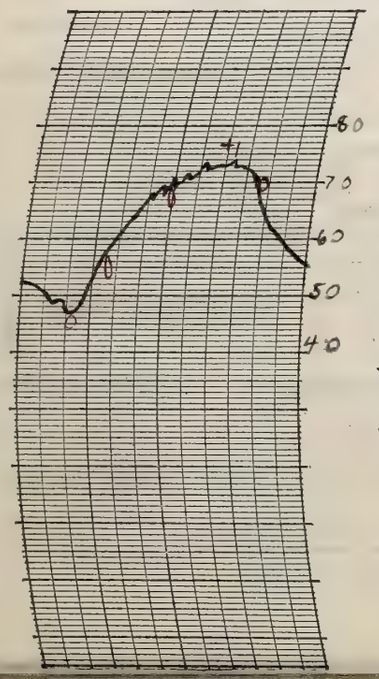
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	47	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 99
Prevailing wind direction, E Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 16
Maximum velocity, 16 Direction, E
Time began, 7:24 a.m.
Reduced barometer, 30.16 7 a. m. 29.98 7 p. m.
River gage, 3.7 feet
Relative humidity, 66 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.5 Wet temperature, 56.3
Dew-point, 46 R. humidity, 43 V. pressure, .310
Clouds: Amount, 4; Kind, a st.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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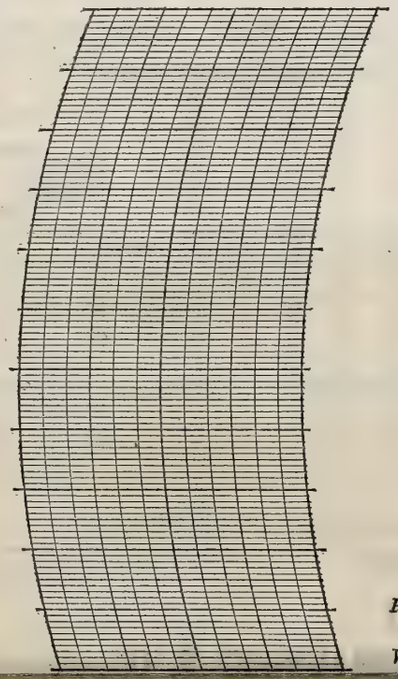
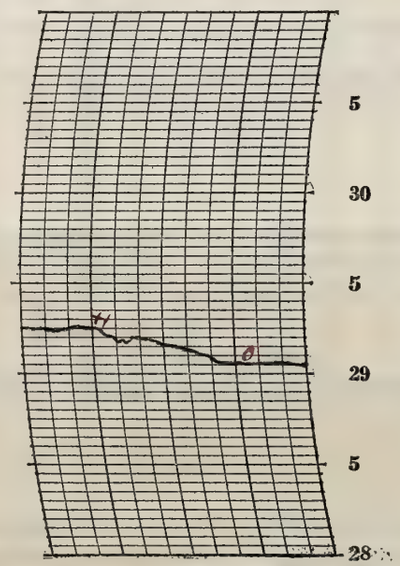


BAROGRAPH.



Prepared by C. J.

Verified by E. L. F.

NOTES

It was a clear day with temperatures somewhat below normal. Light to gentle easterly winds prevailed. There were a few clouds visible in the morning; it became partly cloudy near noon and continued partly cloudy into the evening with high clouds prevailing. The stars were visible in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) **Sunday**, (Date) June 17, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	51	54	60	68	76	78	79	80
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<Clear							
Sunshine (in tenths of hours)					0.87 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	7	7	4	4	5	5	5	4	5	9	9	10

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	78	72	74	74	74	72	68	68	67	68	67
Nature of precipitation and time of beginning and ending		RB 1:10 RE 1:15	RB 2:10	RE 3:30								
Amounts of precipitation		T	.02	T								
Cloudiness and other conditions		Cloudy						Pt Cldy × Clear		× Pt Cldy		
Sunshine (in tenths of hours)	1.0	1.0	0	1.0	1.0	0.6	0	0				
Wind direction	SE	S	SW	S	S	SE	SE	SE	S	S	S	SE
Wind movement	11	10	8	8	8	8	10	9	10	11	11	7

State of weather.

Sunrise: Time, 4:08; Character, Clear

Moonrise:

Sunset: Time, 7:15; Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	51	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 12.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 83

Prevailing wind direction, SE Total wind, 185

Average hourly velocity, 7.7 Extreme velocity, 16

Maximum velocity, 15 Direction, S

Time began, 12:39 p.m.

Reduced barometer, 29.91 7 a. m. 29.77 7 p. m.

River gage, 2.2 feet

Relative humidity, 74 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

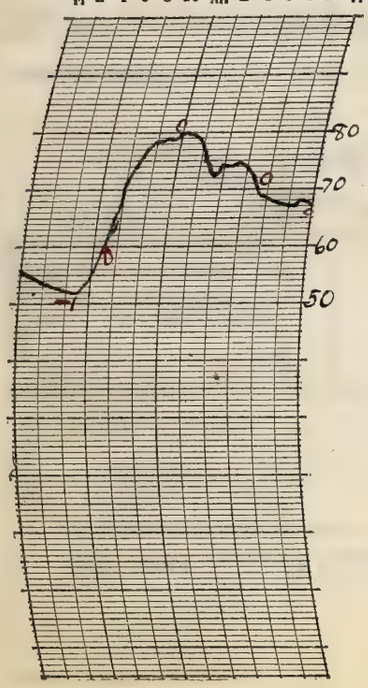
Dry temperature, 80.0 Wet temperature, 64.8

Dew-point, 56 R. humidity, 44 V. pressure, 448

Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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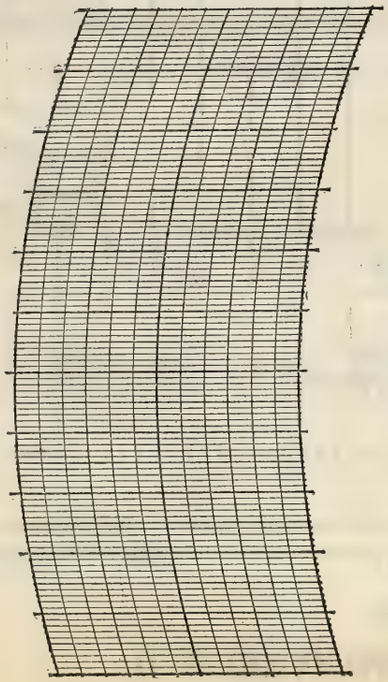
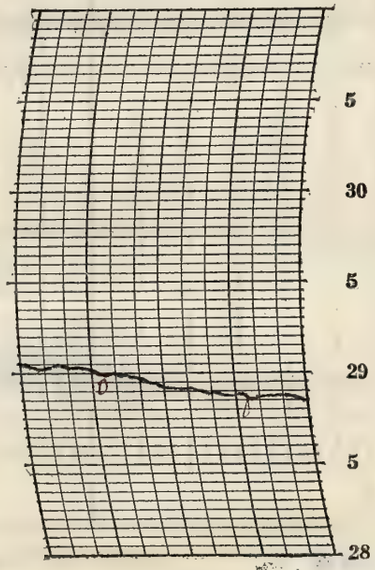


BAROGRAPH.



Prepared by C.J.

Verified by E.L.H.

8—486

NOTES

It warmed up during the day and the temperatures continued to remain quite comfortable into the evening. It was clear in the early morning becoming cloudy towards noon. A light sprinkle fell shortly after 1:00 p.m. and a light rain commenced at 2:10 p.m. After the rain the sky lightened up and in the evening the stars were visible. Near 10:15 p.m. cumulus clouds were observed to be moving rapidly from the SW. Light to gentle winds prevailed throughout the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 18, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	69	69	69	69	69	70	70	67	69	70
				RB 0N2		RE 6:20			T	RB 9:01	RE 10:54	RB 11:43 RE 11:50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				01	07	03				10	04	T
Cloudiness and other conditions					←			Cloudy				→
Sunrise: Time, 4:08 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0.3	0.6	0	0.6	1.0
Wind direction	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	7	11	12	11	9	11	14	14	15	17

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	75	79	81	81	79	78	73	71	69	68	66
	RB 12:04 RE 12:40											
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T											
Cloudiness and other conditions						→	PT	Cloudy				→
Sunset: Time, 7:15 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	SW	SW	SW	W	W	W	W	NW	W	W	W	W
Wind movement	15	15	13	12	11	11	7	6	5	4	3	3

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

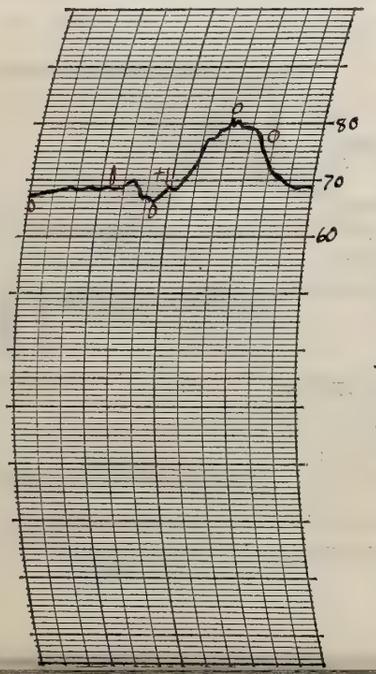
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., all ins.; to 7 p. m., 0.14 ins.
Total precipitation, midnight to midnight, 2.5 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 9.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind, 240
Average hourly velocity, 10.0 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 11:11 am
Reduced barometer, 29.67 7 a. m. 29.68 7 p. m.
River gage, 2.0 feet
Relative humidity, 94 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 66.9
Dew-point, 66 R. humidity, 86 V. pressure, .638
Clouds: Amount, 9; Kind, stu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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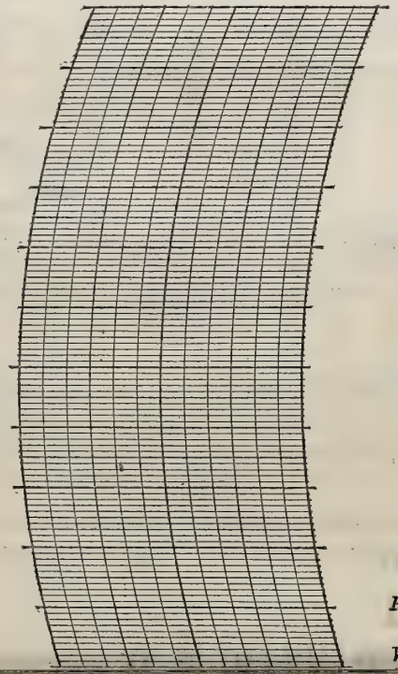
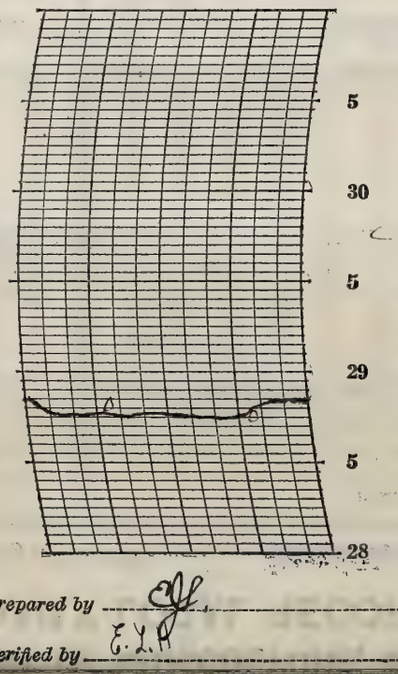


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. A.

NOTES

It was cloudy during the morning and the early part of the afternoon becoming partly cloudy in the later part of the day. It rained ~~about~~ sunrise and several showers fell from mid morning until shortly after noon. Temperatures remained above normal. The stars were visible between the clouds in the evening and at 10:10 pm lightning was observed in the northern part of the sky.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) **Tuesday**, (Date) June 19, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	65	64	63	63	63	61	62	63	69	73
Nature of precipitation and time of beginning and ending							RB 6:36		RE 8:50			
Amounts of precipitation							01	51	02			
Cloudiness and other conditions					← Cloudy					×	PT	Cldy
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	1.0	1.0
Wind direction	N	W	N	E	E	E	E	N	SE	SE	SE	SE
Wind movement	4	5	5	4	4	3	4	8	5	4	2	4

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	75	75	74	72	72	72	68	67	67	66	65
Nature of precipitation and time of beginning and ending							RE 6:00 RE 6:05	RB 7:20		RE 9:10		
Amounts of precipitation							T	.01	.01	.01		
Cloudiness and other conditions	Cldy	×	Cloudy									
Sunshine (in tenths of hours)	1.0	0.8	0.6	0	0	0	0	0				
Wind direction	SE	SE	E	E	E	E	SE	S	SE	SE	W	E
Wind movement	5	4	7	6	9	5	6	9	4	6	3	4

State of weather.

Sunrise: Time, 4:08 Character, Cloudy

Moonrise:

Sunset: Time, 7:16 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .54 ins.

Total precipitation, midnight to midnight, 0.57 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 30

Prevailing wind direction, E & SE Total wind, 120

Average hourly velocity, 5.0 Extreme velocity, 15

Maximum velocity, 15 Direction, S

Time began, 6:40 p.m.

Reduced barometer, 29.80 7 a. m. 29.86 7 p. m.

River gage, 2.2 feet

Relative humidity, 100 7 a. m. 84 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 6:36 a	8:50 a	0.54	7:00 a ~~6:42 a~~	7:00 a ~~7:24 a~~	0.01 ~~T~~	0.25 ~~0.20~~	0.40	~~0.40~~	~~0.40~~	~~0.40~~									

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

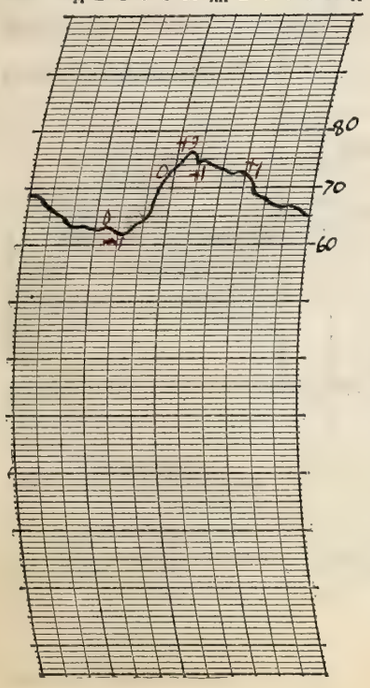
Dry temperature, 72.7 Wet temperature, 66.8

Dew-point, 64 R. humidity, 74 V. pressure, .585

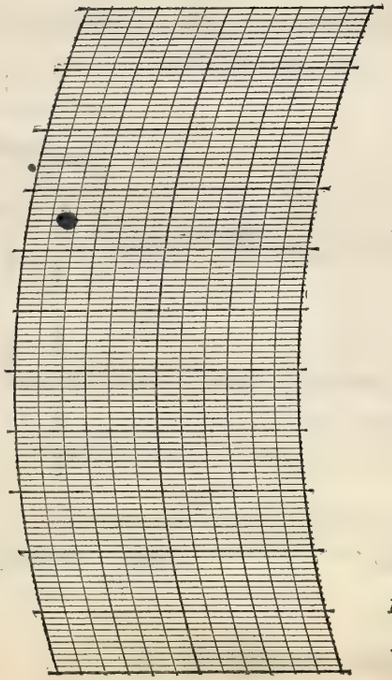
Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

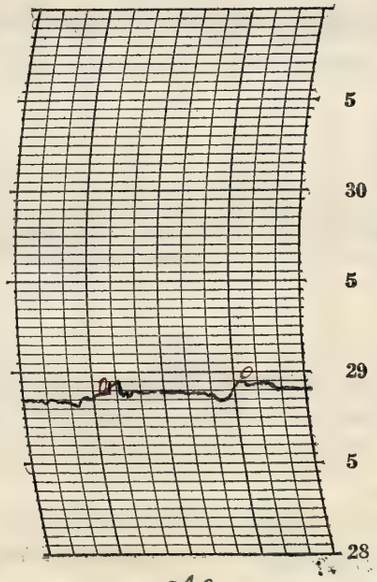
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.D.H.

NOTES

22° solar halo observed 11:45 a.m. – 12:10 p.m.

A heavy rain fell in the earlier part of the morning and several light rains fell in the evening. Thunder was first heard at 6:15 p.m. and lightning was observed in the southern part of the sky. Gentle to light easterly winds prevailed during the day.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 20, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	65	66	67	68	70	71	72	73	75	77	77	77	77	77	77	76	72	70	69	69	69
State of weather: Nature of precipitation and time of beginning and ending														RB 1.22	RE 2.30					RB 7.05		RE 9.25		
Amounts of precipitation														T	.01					T	.01	.01		
Cloudiness and other conditions					← Cloudy					×	P	Cloudy					Cloudy							→

Sunrise: Time, 4.09 Character, Cloudy

Moonrise:

Sunset: Time, 7.16 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0.6	1.0	0.8	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0				
Wind direction	E	S	SW	SW	SW	SW	SW	SW	SW	N	S	SW	S	S	SW	NE	NE	NE	NE	W	W	W	W	W
Wind movement	3	5	8	11	10	8	8	8	5	4	4	4	5	4	3	3	3	2	2	4	3	4	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	67	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 9.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 60

Prevailing wind direction, SW Total wind, 117

Average hourly velocity, 4.9 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 3:25 a.m.

Reduced barometer, 29.83 7 a. m. 29.77 7 p. m.

River gage, 3.5 feet

Relative humidity, 90 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

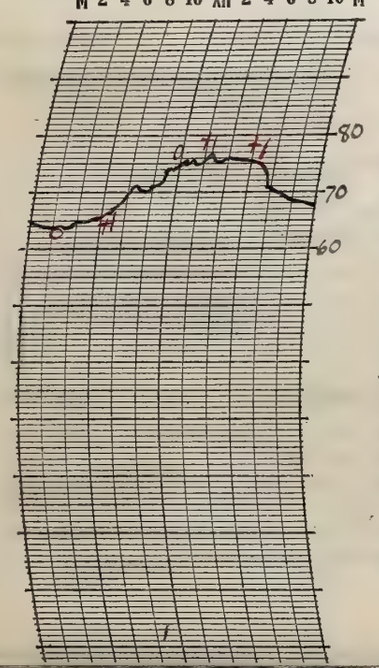
Dry temperature, 74.6 Wet temperature, 68.1

Dew-point, 65 R. humidity, 72 V. pressure, .616

Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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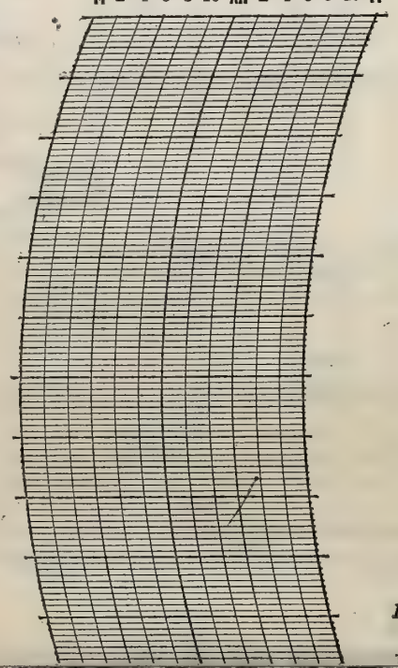
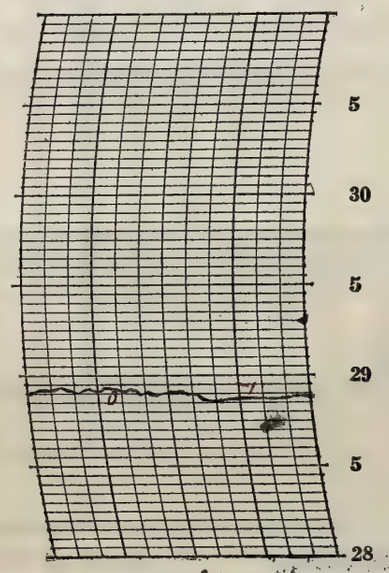


BAROGRAPH.



Prepared by E.H.

Verified by E.L.H.

NOTES

Temperatures are close to normal. The sky was mostly overcast during the day and light showers fell in the early part of the afternoon and evening. Light to gentle winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) **Thursday**, (Date) June 21 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	67	68	68	70	73	73	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy					× Pt Cldy		
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	NW	NW	W	W	NW
Wind movement	4	4	5	5	4	3	3	5	4	4	4	5

Sunrise: Time, 4:09 Character, Cloudy
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	81	79	73	72	71	70 RB 6:57	69 RE 7:25	67	67	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							T	T				
Cloudiness and other conditions	× Clr	× Pt Cldy					× Cldy		× Pt Cldy →			
Sunshine (in tenths of hours)	1.0	1.0	0.9	0	0	0	0	0				
Wind direction	NW	N *	N *	NW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	4	5	7	7	6	7	7	7	6	8

Sunset: Time, 7:16 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

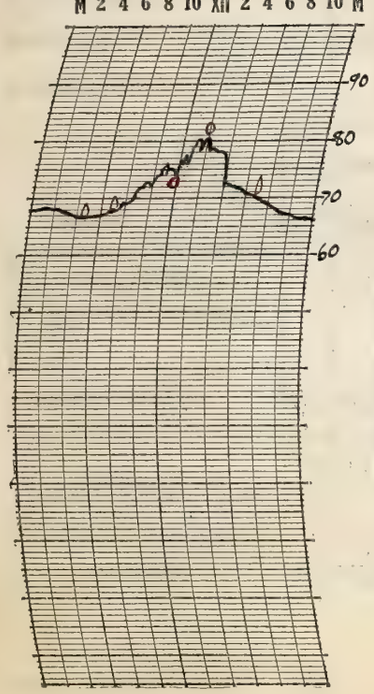
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 50
Prevailing wind direction, W Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 3:49 pm
Reduced barometer, 29.82 7 a. m. 29.82 7 p. m.
River gage, 6.3 feet
Relative humidity, 93 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.9 Wet temperature, 65.9
Dew-point, 62 R. humidity, 66 V. pressure, 555.5
Clouds: Amount, Cu; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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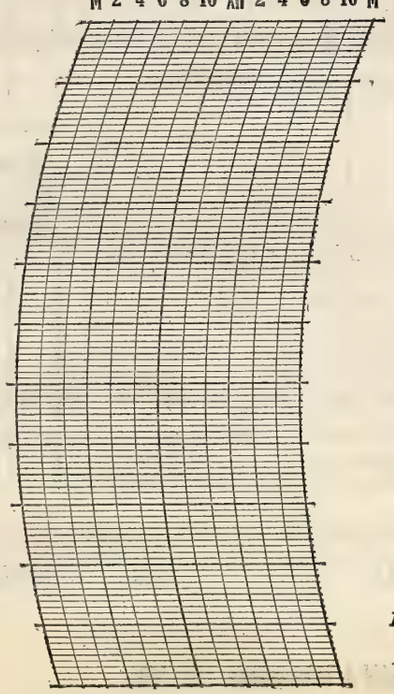
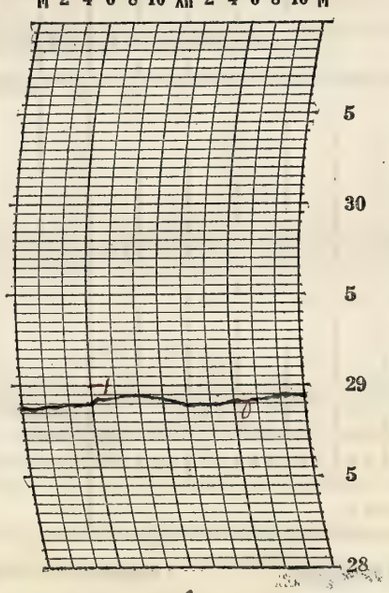


BAROGRAPH.



Prepared by CJL

Verified by E. L. H.

8—486

NOTES

A 22° solar halo was observed close to noon. There was a complete circle around the sun with the colors very faint.

It was partly cloudy most of the day and a light sprinkle occurred in the early part of the evening. Light to gentle westerly winds prevailed during the day.

* Anemometer cleaned

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) June 22, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	63	64	65	70	73	76	79	81	82	84	83	82	82	80	79	65	64	66	66	66
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:48		RE 9:15		
Amounts of precipitation																				.27	.03	T		
Cloudiness and other conditions					← Cloudy			×				PT	Cloudy					×		Cloudy		→		
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0				
Wind direction	SW	SW	SW	SW	SW	W	W	N	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	S	SE	S
Wind movement	8	9	7	8	6	4	4	2	1	1	2	8	10	9	11	11	10	7	9	10	8	7	5	6

Sunrise: Time, 4:09 Character, Cloudy
Moonrise:
Sunset: Time, 7:16 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

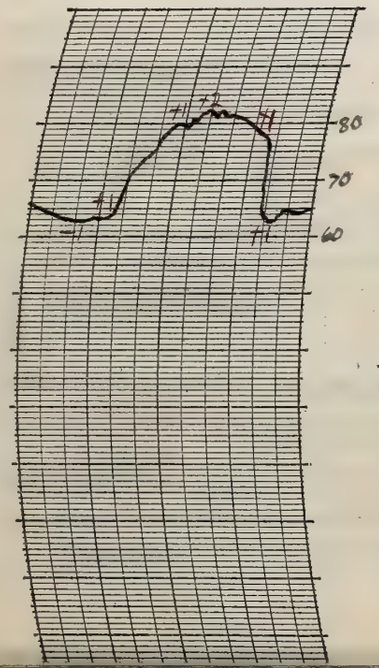
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	62	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 19
Maximum velocity, 17 Direction, W
Time began, 7:40 pm
Reduced barometer, 29.86 7 a. m. 29.69 7 p. m.
River gage, 4.8 feet
Relative humidity, 95 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.9 Wet temperature, 71.4
Dew-point, 67 R. humidity, 63 V. pressure, .661
Clouds: Amount, 7; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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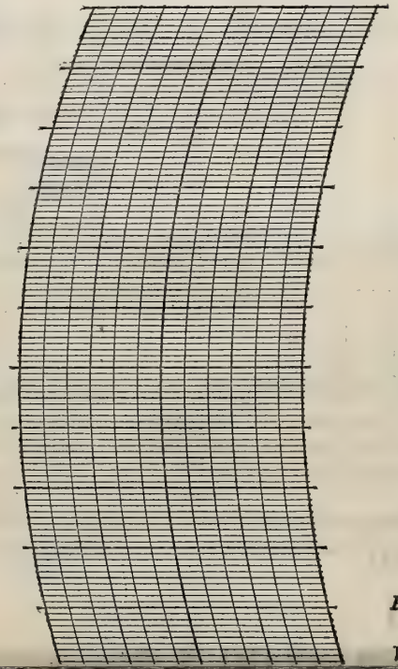
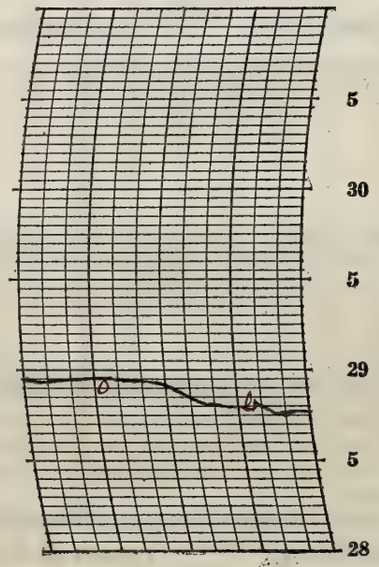


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

NOTES

It was a pleasant day with near normal temperatures. It was threatening in the early evening and at 7:45 p.m. thunder was first heard. Heavy rain began falling at 7:48 p.m. It continued for about ten minutes and then the rain let up and did not fall so hard.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) June 23, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	66	65	65	66	66	67	70	69	69	69	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0.5	0.9	1.0	1.0	1.0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	8	10	8	8	9	8	10	11	12	13	11	9

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	67	68	68	67	66	65	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending									RB 8:14 RE 8:45			
Amounts of precipitation									T			
Cloudiness and other conditions	← Cloudy →											
Sunshine (in tenths of hours)	1.0	0.9	0.7	1.0	1.0	0.5	0	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	10	10	8	11	10	8	7	5	7	5	5	5

Sunrise: Time, 4:09 Character, Cloudy

Moonrise:

Sunset: Time, 7:17 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	61	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .30 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 9.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 63

Prevailing wind direction, W Total wind, 208

Average hourly velocity, 8.7 Extreme velocity, 19

Maximum velocity, 19 Direction, SW

Time began, 9:10 a m

Reduced barometer 29.64 7 a. m. 29.70 7 p. m.

River gage, 4.7 feet

Relative humidity, 92 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

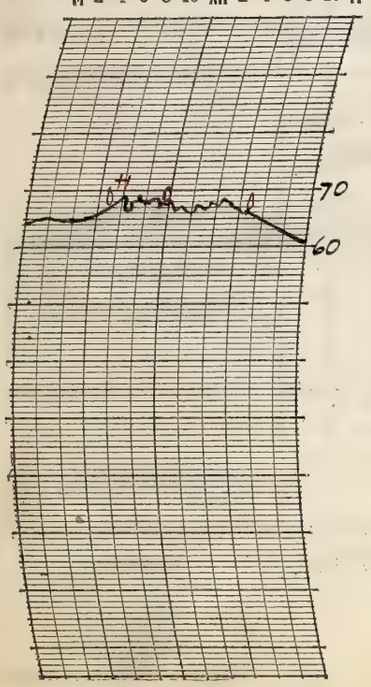
Dry temperature, 67.6 Wet temperature, 61.9

Dew-point, 58 R. humidity, 73 V. pressure, .482

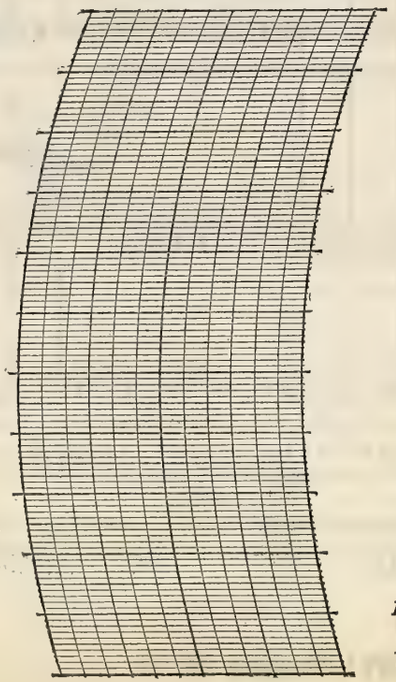
Clouds: Amount, 3; Kind, ; Direction, W

Velocity of clouds (miles per hour)

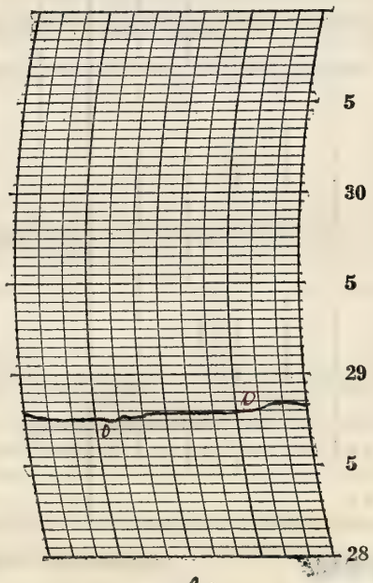
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

It was cloudy during the day. A light shower fell near mid-evening. Moderate to light westerly winds prevailed. Temperatures were a little below normal

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) June 24, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	59	58	58	60	63	69	72	73	73	72	72	73	74	73	72	71	70	68	62	61	61	61
State of weather: Nature of precipitation and time of beginning and ending															RB 2.15 RE 2.20									
Amounts of precipitation															T									
Cloudiness and other conditions					Clear				Pt Cldy				Cloudy								Pt Cldy			
Sunrise: Time 4.10, Character Clear																								
Moonrise:																								
Sunset: Time 7.12, Character Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)					0.63 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.5	0.3	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	S	S	S	SE	S	SW	W	WSW	SW	SW
Wind movement	6	6	6	6	4	6	6	5	5	8	9	9	10	8	7	7	6	7	6	7	8	2	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

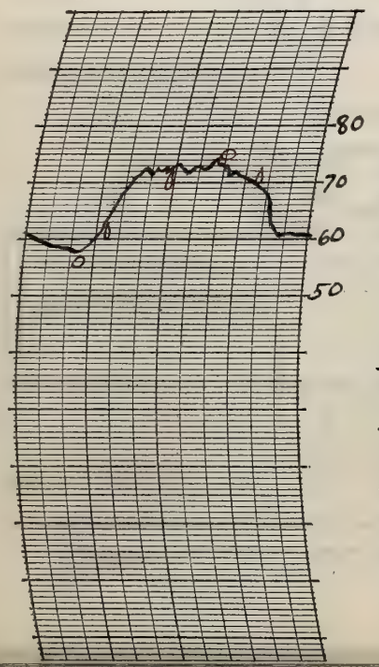
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 12.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 82
Prevailing wind direction, SW Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 12.45 p.m.
Reduced barometer, 29.70 7 a. m. 29.59 7 p. m.
River gage, 4.4 feet
Relative humidity, 85 7 a. m. 71 7 p. m.

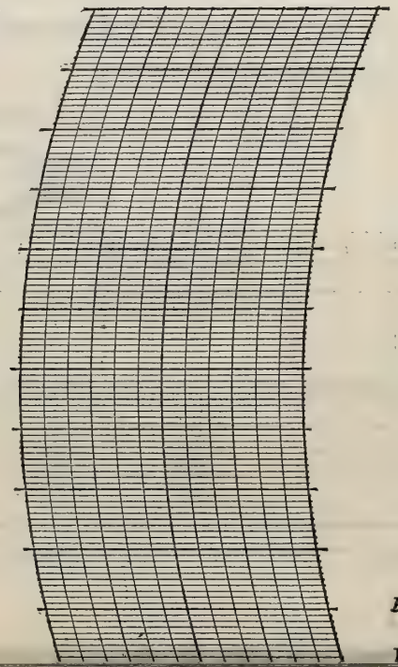
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.1 Wet temperature, 62.9
Dew-point, 58 R. humidity, 60 V. pressure, .482
Clouds: Amount, 5 ; Kind, Ac Cu ; Direction, SW
Velocity of clouds (miles per hour)

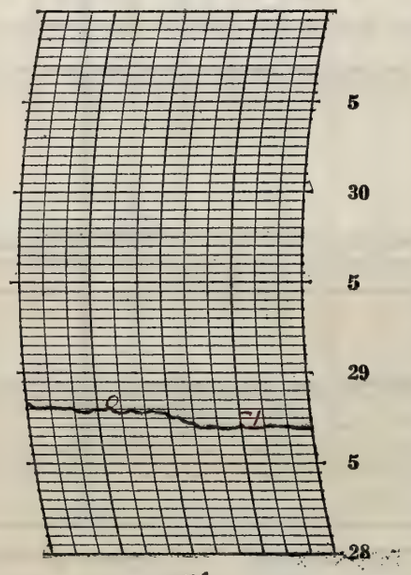
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ.

Verified by E.L.H

NOTES

The earlier part of the morning the sun shone brightly. It gradually became cloudy during the forenoon and remained cloudy into the night when it became partly cloudy and the stars were visible. Gentle to light southerly winds prevailed with temperatures a little below normal. It was quite comfortable during the day but it felt rather cool in the late evening. A light sprinkle fell near the mid-afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) June 25, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	60	60	60	58	58	57	56	56
State of weather: Nature of precipitation and time of beginning and ending				RB DNa RE BNa			RB 6:57			RE 9:30		
Amounts of precipitation				T			T	T	T	.01		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:10 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	6	6	6	5	7	9	9	9	10	13	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	61	59	57	57	56	56	55	55	55	55	55
State of weather: Nature of precipitation and time of beginning and ending										RB 9:13 RE 9:35		
Amounts of precipitation										T		
Cloudiness and other conditions	Cloudy											
Sunset: Time, 7:17 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0.3	0	0	0	0	0	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	W
Wind movement	10	10	10	9	8	9	8	6	6	7	8	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

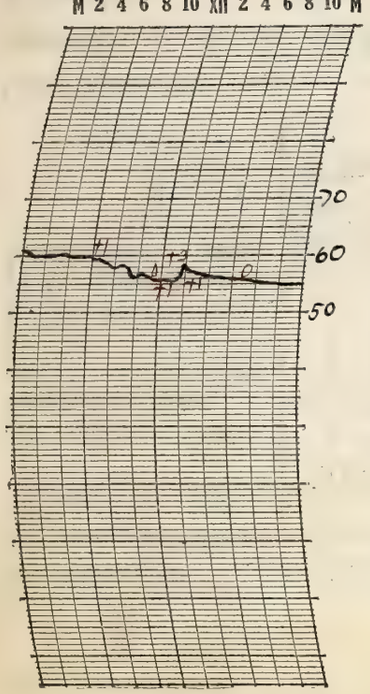
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	55	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 2
Prevailing wind direction, W Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 9:10 a.m.
Reduced barometer, 29.60 7a. m. 29.71 7p. m.
River gage, 4.0 feet
Relative humidity, 89 7a. m. 87 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.4 Wet temperature, 54.9
Dew-point, 53 R. humidity, 91 V. pressure, .402
Clouds: Amount, 10; Kind, stu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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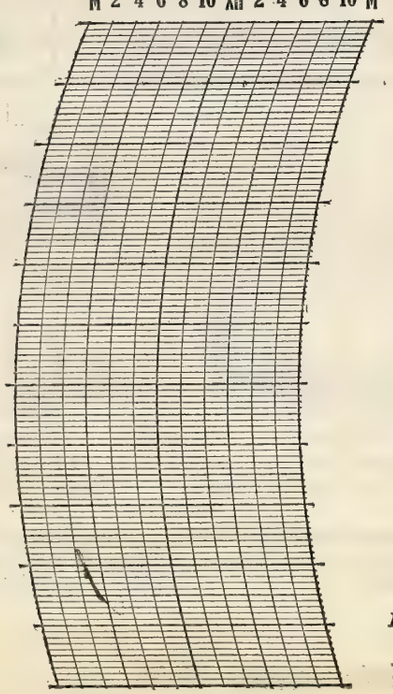
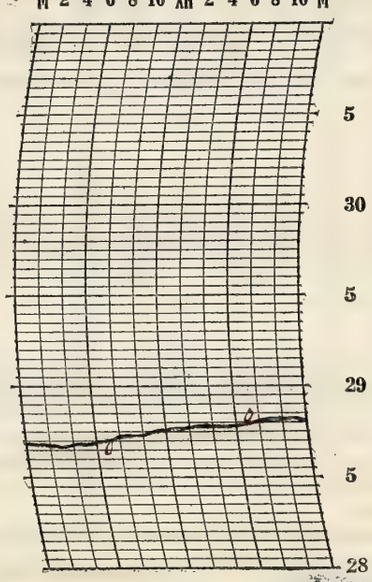


BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

8—486

NOTES

The sky was overcast from sunrise throughout the day. A light mist fell in the early morning and there was a light rain near mid evening. Lightning was observed in the northern part of the sky at 9:30 p.m. Gentle to light westerly winds prevailed. Temperature were below normal and it felt quite cool. Temperatures showing a downward tendancy during the greater part of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) **Tuesday**, (Date) June 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	54	55	55	55	56	57	57	59	59
Nature of precipitation and time of beginning and ending							RB 6.20 RE 6.30 RB 6.50	RE 7.05 RB 7.50	RE 8.10	RB 9.54	RE 10.20	RB 11.02 RE 11.30
Amounts of precipitation							T	T	T	T	T	T
Cloudiness and other conditions					← Cloudy →							
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.5	0
Wind direction	W	W	W	W	W	SW	SW	SW	W	W	W	W
Wind movement	6	6	6	6	6	9	8	8	7	7	7	7

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	60	59	59	60	60	59	57	56	54	53
Nature of precipitation and time of beginning and ending		RB 1.00 RE 1.25		RB 3.30	RE 4.10						RB 10.05 RE 10.30	
Amounts of precipitation		T		T	T						T	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.2	0.8	0.7	0	0	0	0.2	0.28				
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	10	7	7	7	7	5	5	4	7	8	7	7

Sunrise: Time, 4.10 Character, Cloudy
Moonrise:
Sunset: Time, 7.17 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

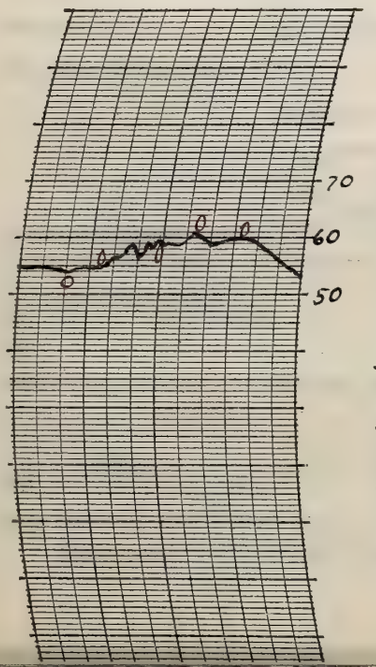
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	53	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 19
Prevailing wind direction, W Total wind, 164
Average hourly velocity, 6.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 12.21 p.m.
Reduced barometer, 29.78 7 a. m. 29.89 7 p. m.
River gage, 3.9 feet
Relative humidity, 97 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.7 Wet temperature, 56.4
Dew-point, 55 R. humidity, 87 V. pressure, .432
Clouds: Amount, 6 ; Kind, st-cu ; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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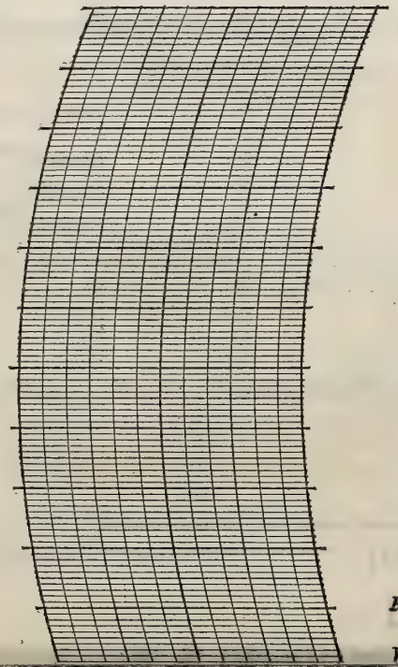
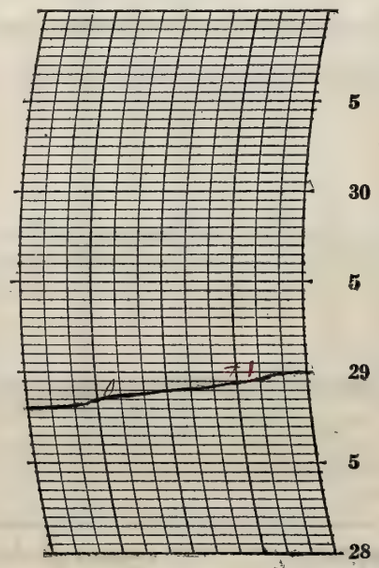


BAROGRAPH.



Prepared by CF.

Verified by E.L.H.

NOTES

Rain mostly in the form of a light mist fell during the day. The sky was cloudy throughout the day but just before sunset the clouds broke and the sunshine for about half an hour. Temperatures remained close together and are still under normal. Gentle to light westerly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) June 27, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	51	51	54	57	62	67	69	71	72	75	75	76	76	74	68	67	67	66	65	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						×				Pt. Cldy					→
Sunrise: Time, 4:11 Character, Clear																					Sunset: Time, 7:17 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.82 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	N	N	E	S	SW	SW
Wind movement	7	7	7	8	8	8	10	11	11	12	11	12	12	13	10	10	10	9	4	1	4	5	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	51	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 13.0 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 86

Prevailing wind direction, SW Total wind, 205

Average hourly velocity, 8.5 Extreme velocity, 15

Maximum velocity, 15 Direction, SW

Time began, 11:36 a.m.

Reduced barometer, 30.00 7 a. m. 29.98 7 p. m.

River gage, 3.8 feet

Relative humidity, 83 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

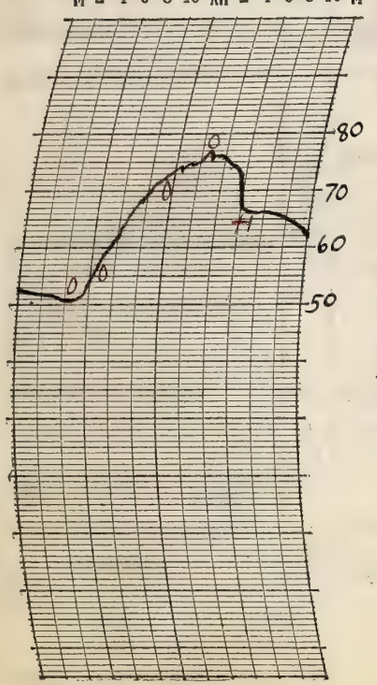
Dry temperature, 72.1 Wet temperature, 60.9

Dew-point, 54 R. humidity, 52 V. pressure, .417

Clouds: Amount, Few; Kind, Cu; Direction, W

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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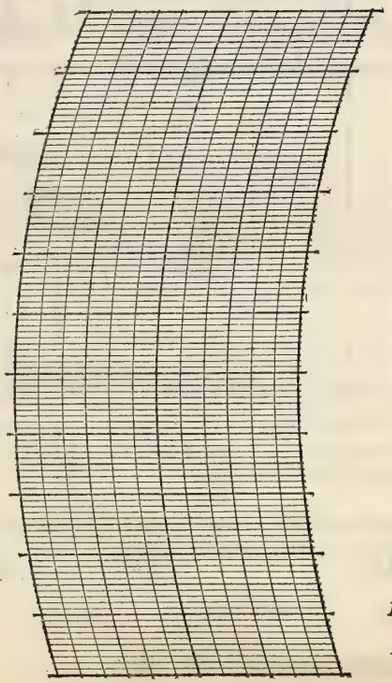
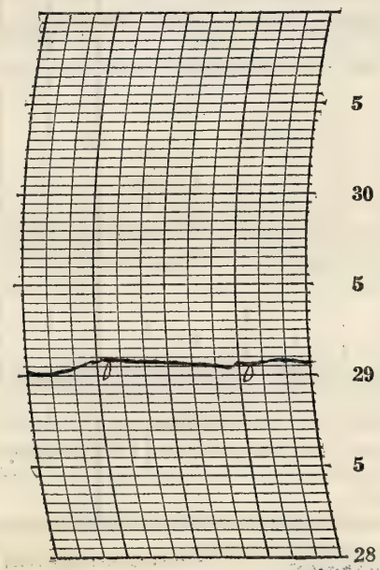


BAROGRAPH.



Prepared by E.S.

Verified by E.L.H.

8—486

NOTES

There was a heavy fog from about 12:00 (AM) midnight until 4 a.m. and a heavy dew was deposited in the morning. The sunrise was clear and the sky remained clear until near mid-afternoon when it became partly cloudy. Some stars were visible in the evening. A westerly wind prevailed with temperatures warmer than yesterday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) June 28, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	58	58	62	65	66	70	71	72	72	70	71	68	64	64	65	66	66	66	67	67	66
State of weather: Nature of precipitation and time of beginning and ending												RB 11:35	RL	RE 1:45		RB 3:05					RE 9:00			
Amounts of precipitation												T	.01	.02		.06	.02	.01	.01	.06	.03			
Cloudiness and other conditions					←								Cloudy								→			
Sunshine (in tenths of hours)					0.82 0	0.2 0.8	0.8	0.4	1.0	1.0	1.0	0.6	0	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	W	W	SW	SW	SW
Wind movement	7	6	6	5	5	6	6	7	9	10	10	9	7	6	9	6	5	3	2	3	3	4	6	6

Sunrise: Time, 4:11 Character, Clear
Moonrise:
Sunset: Time, 7:17 Character, Cloudy
Moonset:

Maximum velocities (exceeding 25 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

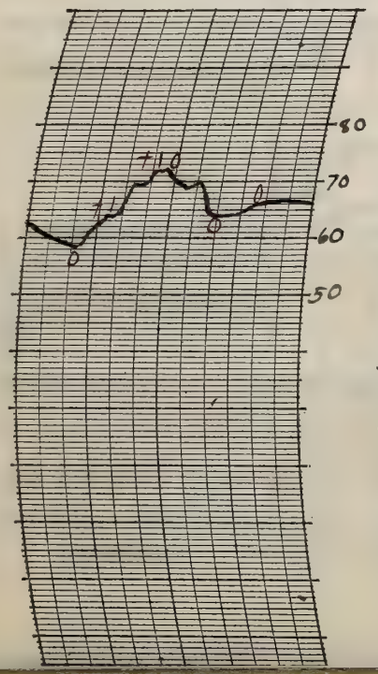
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .13 ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 44
Prevailing wind direction, SE Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 15
Maximum velocity, 14 Direction, S
Time began, 9:02 a.m.
Reduced barometer, 29.98 7 a.m. 29.71 7 p.m.
River gage, 3.5 feet
Relative humidity, 64 7 a.m. 97 7 p.m.

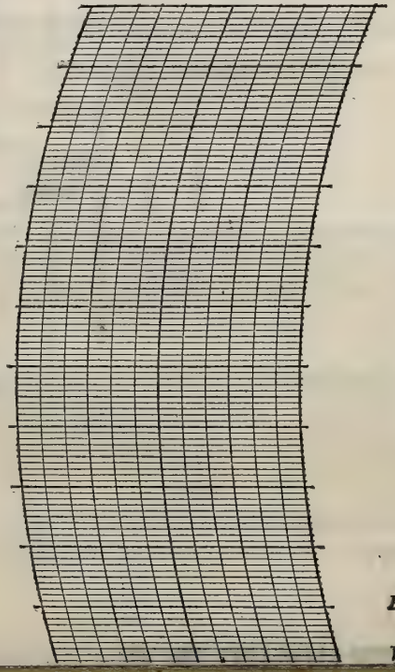
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 71.7 Wet temperature, 63.9
Dew-point, 59 R. humidity, 66 V. pressure, .499
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

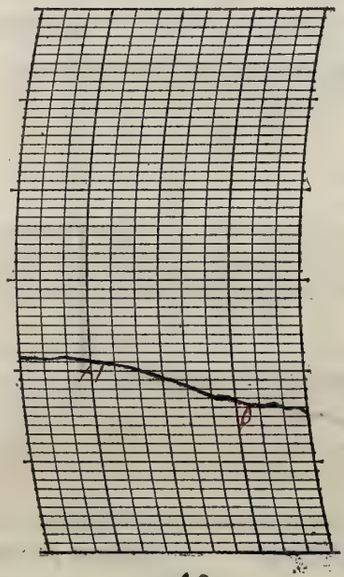
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.
Verified by E.J.H.

NOTES

Rain fell during most of the afternoon and the early half of the evening. It was cloudy most of the day with high clouds prevailing in the morning. A light to gentle southerly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) **Friday**, (Date) June 29, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	61	63	63	65	67	66	65	66	68
State of weather: Nature of precipitation and time of beginning and ending		RB ON 2		RE ON 2					RB 8:35			RE 11:05
Amounts of precipitation		.09	.13	.02					T	.03	.03	T
Cloudiness and other conditions												Cloudy
Sunrise: Time, 4:11 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.4	0.9	0.6	0	0	1.0
Wind direction	SW	SW	S	SW	SW	W	W	NW	NW	NW	NW	NW
Wind movement	8	7	5	12	11	9	12	12	10	9	8	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	70	66	64	63	62	61	60	60	59	59	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:17 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.1	0	0	0				
Wind direction	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	14	17	15	16	15	10	10	10	8	8	8

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.33 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 6.7 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 44

Prevailing wind direction, NW Total wind, 256

Average hourly velocity, 10.7 Extreme velocity, 26

Maximum velocity, 23 Direction, W

Time began, 2:45 p.m.

Reduced barometer, 29.60 7 a.m. 29.78 7 p.m.

River gage, 3.4 feet

Relative humidity, 95 7 a.m. 86 7 p.m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

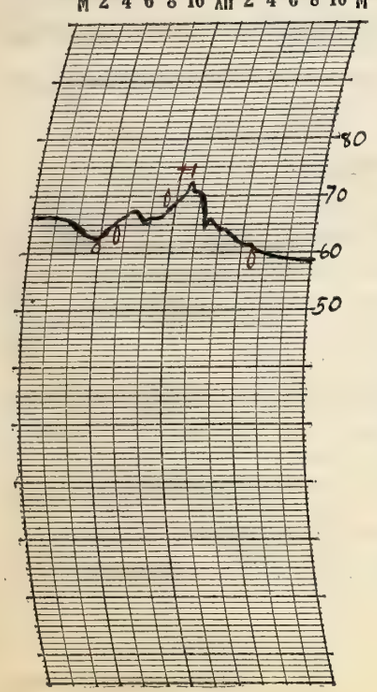
Dry temperature, 68.1 Wet temperature, 64.9

Dew-point, 58 R. humidity, 84 V. pressure, .482

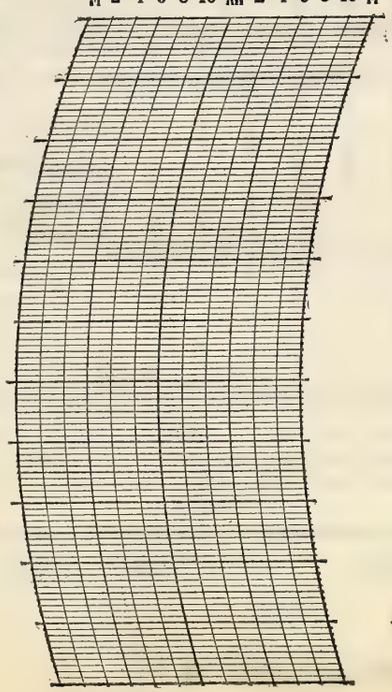
Clouds: Amount, 5 ; Kind, Cu ; Direction, W

Velocity of clouds (miles per hour)

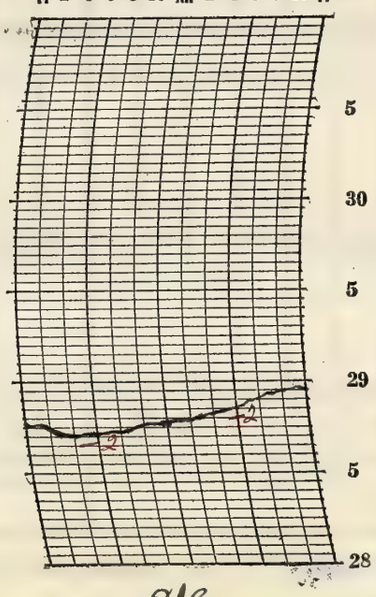
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E. L. H.

8—486

NOTES

Rain fell in the early morning and in the forenoon. The day remained cloudy with a light to moderate westerly wind prevailing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) June 30, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	56	55	57	58	64	69	72	74	76	78	80	80	80	80	79	78	74	72	70	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cldy						Clear									Pt Cldy				
Sunrise: Time, 4:12 Character, Cloudy																					Sunset: Time, 7:12 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.28 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	7	6	7	8	7	7	6	6	5	6	5	5	6	7	7	7	7	5	3	4	5	5	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

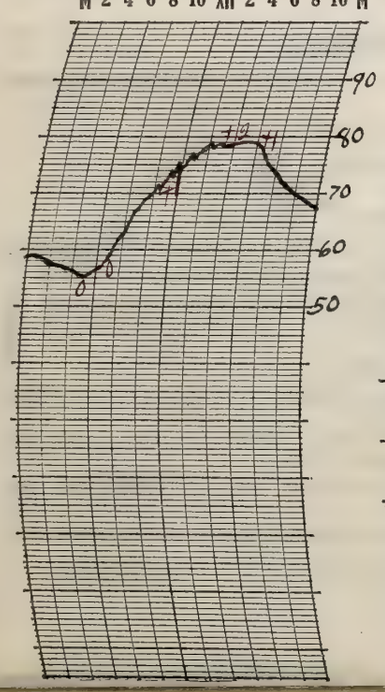
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 87
Prevailing wind direction, NW Total wind, 140
Average hourly velocity, 5.8 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 4:25 a.m.
Reduced barometer, 30.00 a. m. 29.97 p. m.
River gage, 2.7 feet
Relative humidity, 89 a. m. 53 p. m.

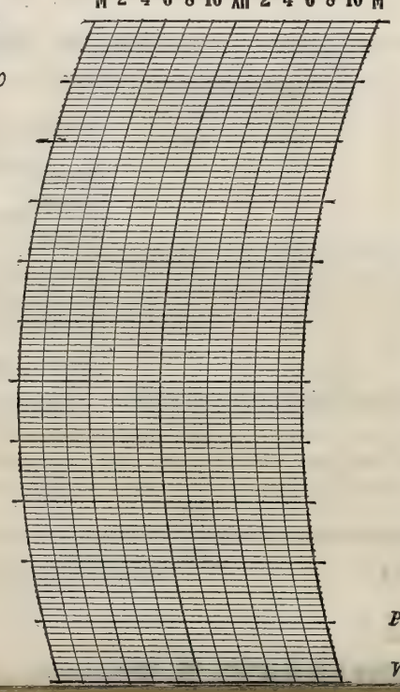
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.9 Wet temperature, 64.2
Dew-point, 58 R. humidity, 53 V. pressure, .482
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

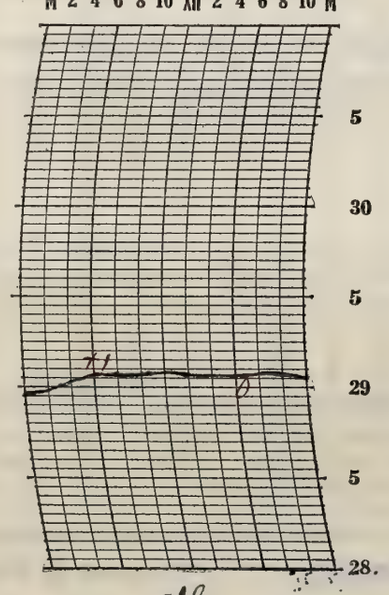
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.

Verified by E.H.

NOTES

Temperatures still remain below normal. The day as a whole was clear although it was partly cloudy in the early morning and in the evening. A light westerly wind prevailed, becoming gentle at times.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 1, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	66	68	70	74	78	80	81	82	83	85	84	84	83	82	80	78	76	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Part Cloudy						×			Clear	→	
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.28 0				
Wind direction	SW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	6	4	5	5	3	4	3	4	5	6	6	7	7	9	8	10	9	7	5	4	4	2	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:12 Character, Cloudy
Moonrise: 6:27 p. --

Sunset: Time, 7:17 Character, Clear
Moonset: 2:48 a --

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

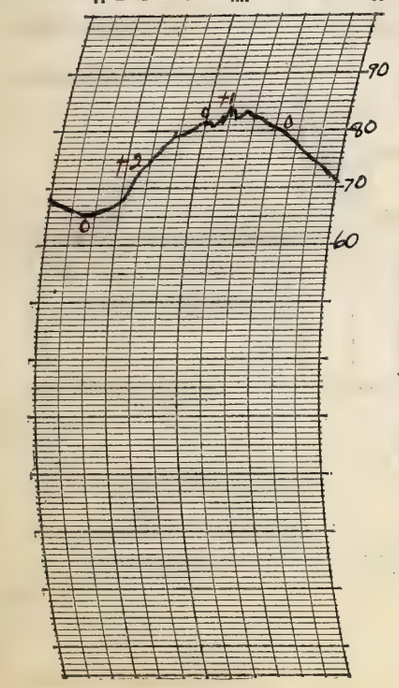
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 88
Prevailing wind direction, NW Total wind, 130
Average hourly velocity, 5.4 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 1:11 p. m.
Reduced barometer, 30.01 7 a. m. 29.88 7 p. m.
River gage, 2.9 feet
Relative humidity, 83 7 a. m. 64 7 p. m.

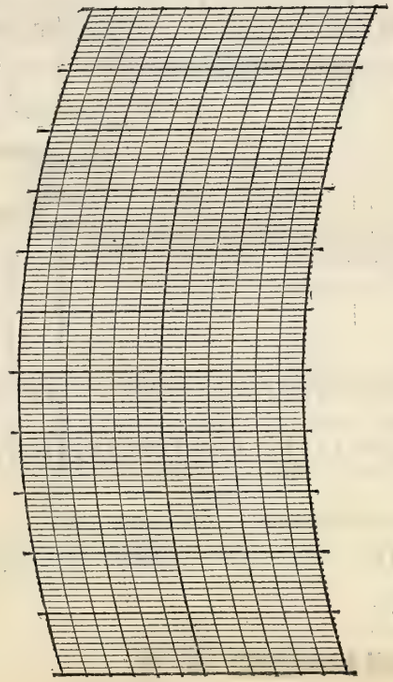
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 69.5
Dew-point, 64 R. humidity, 54 V. pressure, 29.5
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

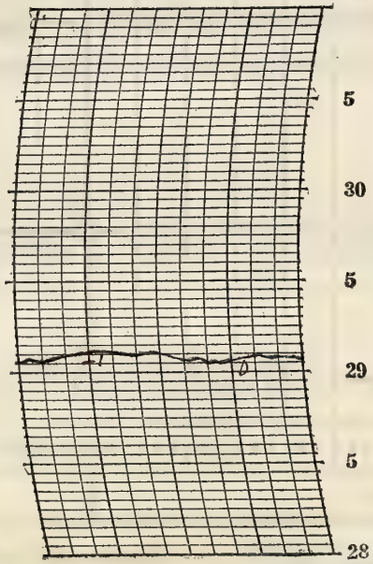
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.
Verified by E.Z.H.

8—486

NOTES

It was a pleasant day with temperatures slightly above normal. Gentle to light westerly wind blew during the day. It was partly cloudy most of the day clearing up towards sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 2, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	66	66	72	76	77	79	79	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy				→	← Cldy		
Sunshine (in tenths of hours)					0.7 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	W
Wind movement	2	3	2	1	2	2	3	4	7	7	8	6

Sunrise: Time, 4:13 Character, Clear
Moonrise: 7:23 p — —

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	83	83	83	83	82	80	78	76	74	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				← Pt	Cldy		→	← Cldy		→	← Clear	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.2 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	12	15	17	12	9	10	5	5	7	6	6

Sunset: Time, 7:17 Character, Cloudy
Moonset: 3:22 a — —

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

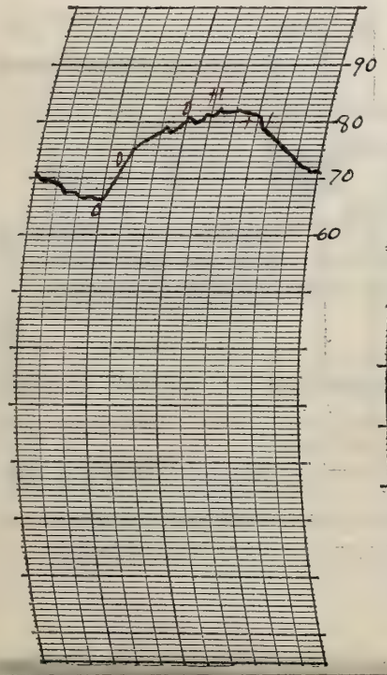
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	66	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, Full moon
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 3:14 p.m.
Reduced barometer, 30.01 7 a. m. 29.89 7 p. m.
River gage, 3.4 feet
Relative humidity, 76 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.1 Wet temperature, 69.3
Dew-point, 63 R. humidity, 56 V. pressure, .575
Clouds: Amount, 2/8; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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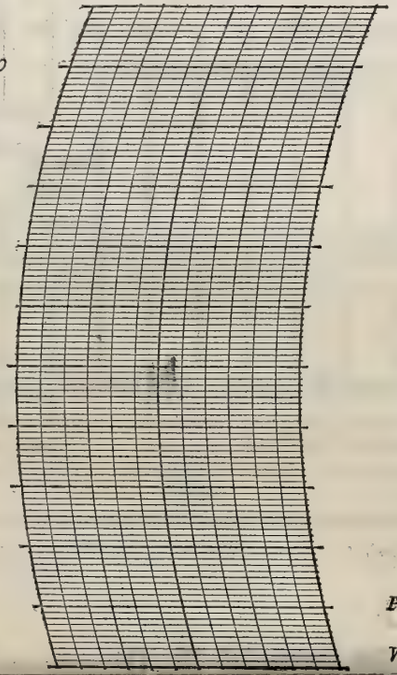
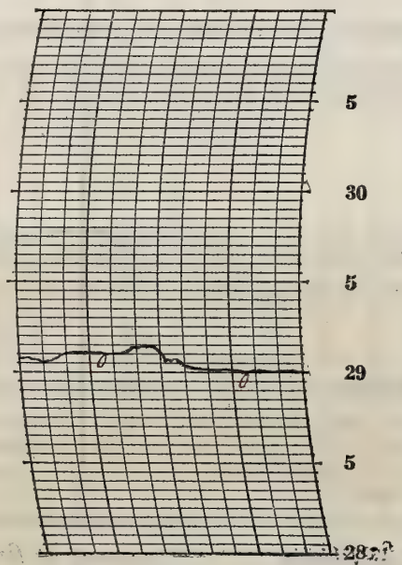


BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

NOTES

Temperatures still remain slightly above normal and it continued to remain warm into the evening. High clouds were mostly visible during the day and the brightest stars were visible in the evening. Westerly winds prevailed throughout the day varying in strength from moderate to light. The clouds completely overcast the sky by noon but during the afternoon and evening it cleared up. At sunset, the sun sank behind a bank of clouds and disappeared at 7:10 p.m.

Form No. 1014—Mot'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) July 3, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	70	72	73	74	77	80	83	86	88	88	88	88	87	87	85	83	81	80	78	78
State of weather: Nature of precipitation and time of beginning and ending								RB 7:20 RE 7:42																
Amounts of precipitation								T																
Cloudiness and other conditions					← Cloudy						PT Cldy		×				Clear							→

Sunrise: Time, 4:13 Character, Cloudy

Moonrise: 8:11 p. --

Sunset: Time, 7:17 Character, Clear

Moonset: 4:23 a Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.3	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.8 0				
Wind direction	SW	SW	SW	SW	SW	SW	NW	NW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	5	7	6	8	8	10	12	12	20	18	18	16	15	16	14	10	9	7	4	4	3	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	88	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase, 2nd day Full Moon

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 11.0 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 73

Prevailing wind direction, SW Total wind, 233

Average hourly velocity, 9.7 Extreme velocity, 24

Maximum velocity, 23 Direction, SW

Time began, 8:11 am.

Reduced barometer, 29.96 7 a. m. 29.86 7 p. m.

River gage, 3.6 feet

Relative humidity, 75 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

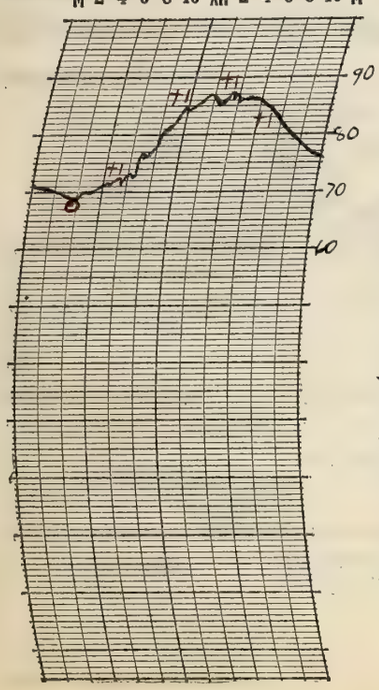
Dry temperature, 86.2 Wet temperature, 68.1

Dew-point, 58 R. humidity, 39 V. pressure, 48.2

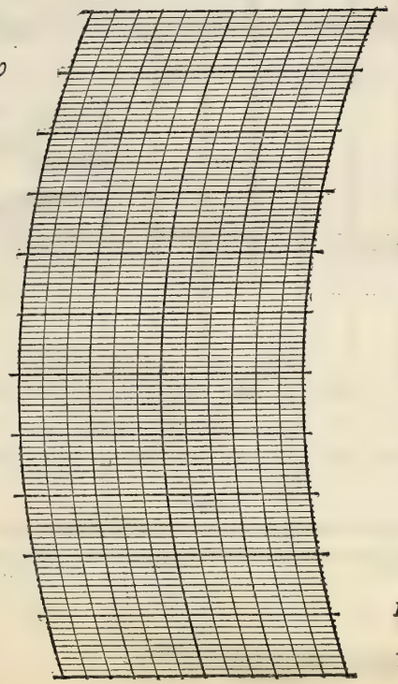
Clouds: Amount, 4; Kind, Ci; Direction, W

Velocity of clouds (miles per hour)

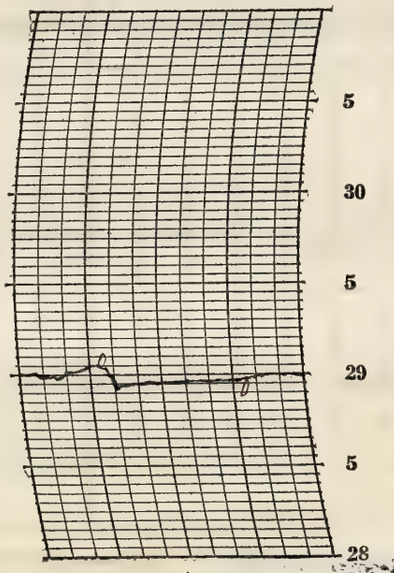
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.L.H.

8—486

NOTES

A light sprinkle fell in the early morning. It became clear shortly after noon and continued clear into the evening with the stars visible. Temperatures are above normal with a moderate to light westerly wind prevailing.

Light thunder at 7:25 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Wednesday, (Date) July 4, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	76	76	73	70	68	72	72	70	71	76	78
Nature of precipitation and time of beginning and ending			RB 2:35					RE 7:55				
Amounts of precipitation			T	.07	.13	.02	.01	T				
Cloudiness and other conditions			Cloudy									OT
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.7	1.0	1.0
Wind direction	SW	SW	SW	W	W	SW	SW	SW	SW	SW	W	W
Wind movement	2	5	5	18	12	13	13	12	12	6	9	7

	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	81	83	84	84	83	82	81	79	77	72	70
Nature of precipitation and time of beginning and ending									RB 8:50		RE 10:56	
Amounts of precipitation									T	.08	.07	
Cloudiness and other conditions	Cldy							Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	W	SW	W	NW	NW	NW	NW	NW	NE	NE	N	E
Wind movement	8	9	7	6	6	5	2	1	2	4	7	4

Sunrise: Time, 4:14 Character, Cloudy
Moonrise: 8:55p Cloudy
Sunset: Time, 7:16 Character, Cloudy
Moonset: 5:22a Cloudy

Maximum velocities (exceeding 24 miles) direction and time: 23 W 3:02

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	68	77	

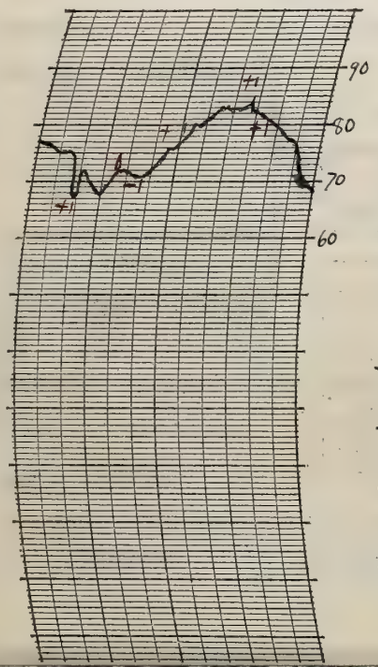
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Cloudy Moon phase, 3rd day Full Moon
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 26
Maximum velocity, 25 Direction, W
Time began, 3:02 a.m.
Reduced barometer, 29.94 7 a. m. 29.86 7 p. m.
River gage, 2.8 feet
Relative humidity, 69 7 a. m. 58 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 68.6
Dew-point, 65 R. humidity, 63 V. pressure, .616
Clouds: Amount, 2; Kind, ~~cirr~~ a cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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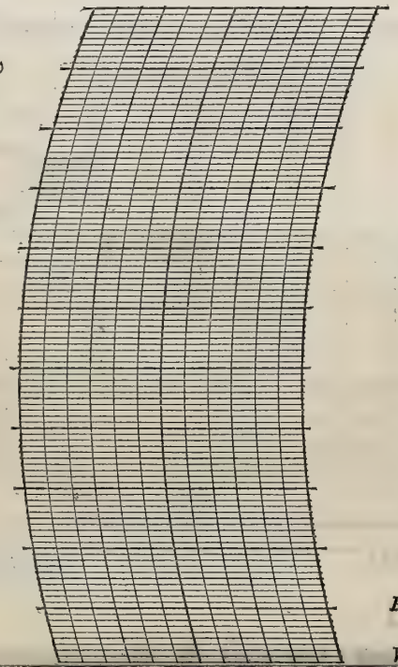
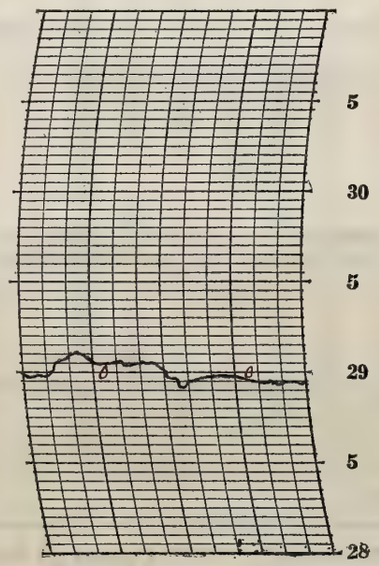


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

A severe thunderstorm began in the early morning at 2:35 a.m. A steady rain fell but after several hours began to decrease and finally ended by 7:55 a.m. The sky then cleared up somewhat near noon, and continued partly cloudy during the greater part of the afternoon. It became cloudy towards evening and another thunderstorm began at 8:50 p.m. and ending at 10:56 p.m. Temperatures were cooler in the early morning and continued quite pleasant all day. They remained fairly steady during the mid afternoon and fell during the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) July 5, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	67	66	67	69	70	74	76	79	80	81	81	82	82	82	82	79	77	75	73	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					X P T Cldy								X Clear							X P T Cldy		X Clear		
Sunshine (in tenths of hours)					0.75 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.27 0				
Wind direction	E	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NE	N	N	NE	NE	NE	NE	NE	E
Wind movement	3	4	4	5	7	6	6	9	7	9	8	9	10	10	7	6	6	5	4	4	3	7	5	6

Sunrise: Time, 4:15 Character, Clear
Moonrise: 9:32 p — —

Sunset: Time, 7:16 Character, Clear
Moonset: 6:25 a — —

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

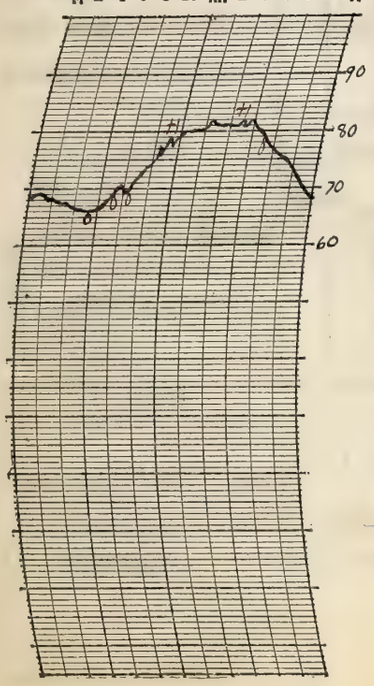
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, 4th day Full Moon
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 1:11 p.m.
Reduced barometer, 29.92 7 a. m. 29.93 7 p. m.
River gage, 3.2 feet
Relative humidity, 93 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.4 Wet temperature, 68.8
Dew-point, 63 R. humidity, 56 V. pressure, .575
Clouds: Amount, 4; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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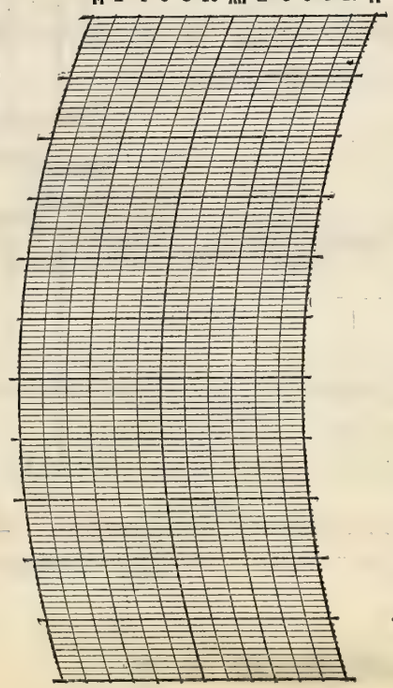
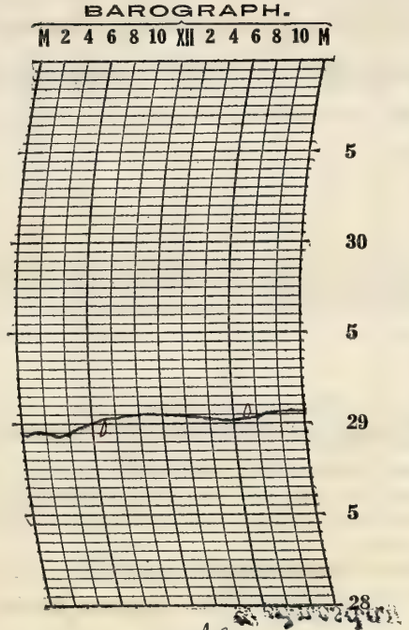


BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

8—486

NOTES

Another day with quite warm temperatures although a little cooler than yesterday. Scattered clouds were in the sky during the morning, clearing up in the afternoon. Shortly after sunset the sky became quickly partly cloudy and threatening but after several hours it cleared up and the stars shone brightly. Gentle to light northerly winds prevailed most of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Friday, (Date) July 6, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	65	63	64	67	70	72	75	76	77	79	80	82	82	82	80	79	77	76	75	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear									×		Pt Cldy					→
Sunshine (in tenths of hours)					0.75 0	0.1 0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.1 0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE	SE	E	SE	SE	E	SE	SE	SE	SE	SE	SE	S
Wind movement	5	3	5	4	4	5	5	6	7	6	6	4	5	5	5	5	4	4	4	3	4	4	5	5
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 4:15 Character, Clear
Moonrise: 10:03p —
Sunset: Time, 7:16 Character, Cloudy
Moonset: 7:22a —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

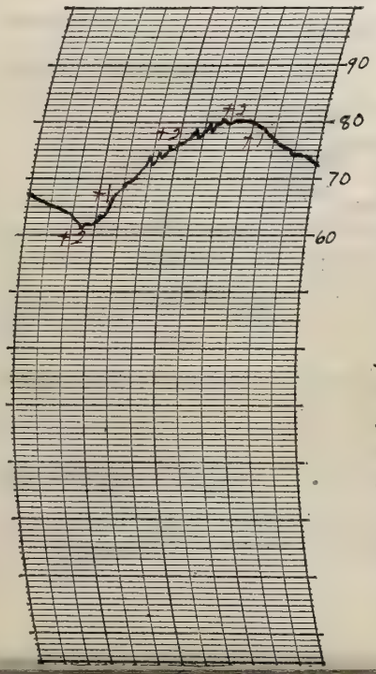
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, 5th Day Full Moon
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 96
Prevailing wind direction, E Total wind, 113
Average hourly velocity, 4.7 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 8:10 am
Reduced barometer, 30.02 7 a. m. 29.97 7 p. m.
River gage, 7.5 feet
Relative humidity, 88 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.9 Wet temperature, 66.2
Dew-point, 60 R. humidity, 57 V. pressure, .519
Clouds: Amount, 4; Kind, cu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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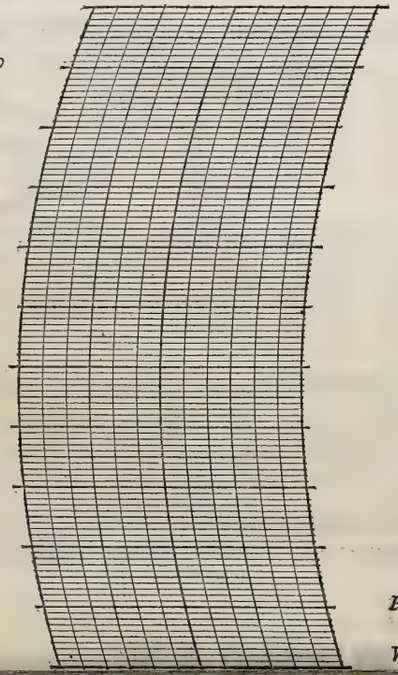
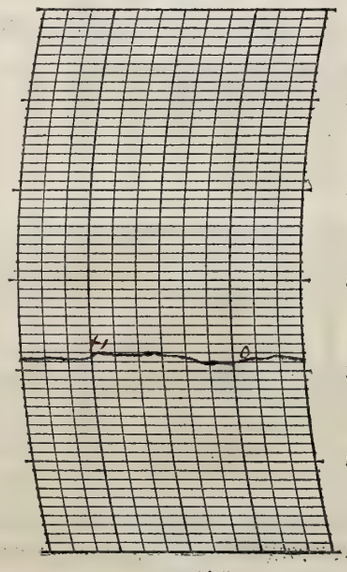


BAROGRAPH.



Prepared by [illegible]
Verified by E.L.H

NOTES

Temperatures run fairly close to yesterday's. It was clear most of the day with cumulus clouds scattered over the sky and towards evening it became partly cloudy with high clouds. The sun shone brightly until slightly before sunset when the clouds cut off the sunshine. Light easterly winds prevailed most of the day. The brighter stars

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) July 7, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	69	70	71	73	78	82	83	85	86	88	91	90	90	89	88	86	83	81	80	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Part		Cloudy										→	
Sunshine (in tenths of hours)					0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.1 0				
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW	SW
Wind movement	5	3	3	2	4	2	4	6	8	6	6	6	7	8	8	8	7	6	5	5	6	7	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 10:32 p —
Sunset: Time, 7:16 Character, Cloudy
Moonset: 8:40 a —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

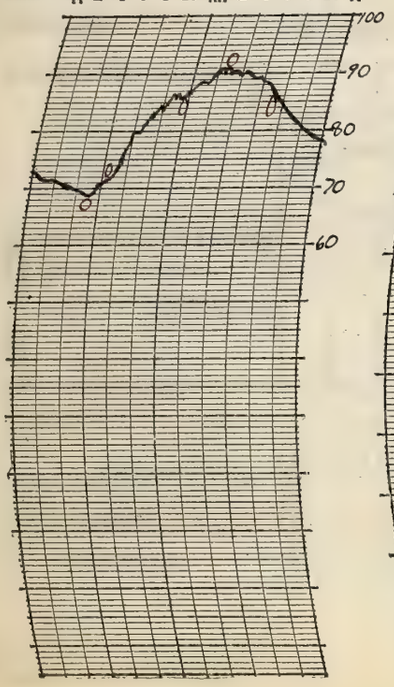
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, 6th day. Full Moon
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.3 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 89
Prevailing wind direction, S Total wind, 135
Average hourly velocity, 5.6 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 12:48 p.m.
Reduced barometer, 30.02 7 a. m. 29.97 7 p. m.
River gage, 5.3 feet
Relative humidity, 82 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.2 Wet temperature, 75.9
Dew-point, 72 R. humidity, 62 V. pressure, .783
Clouds: Amount, 7; Kind, cu; Direction, SW
Velocity of clouds (miles per hour) —

THERMOGRAPH



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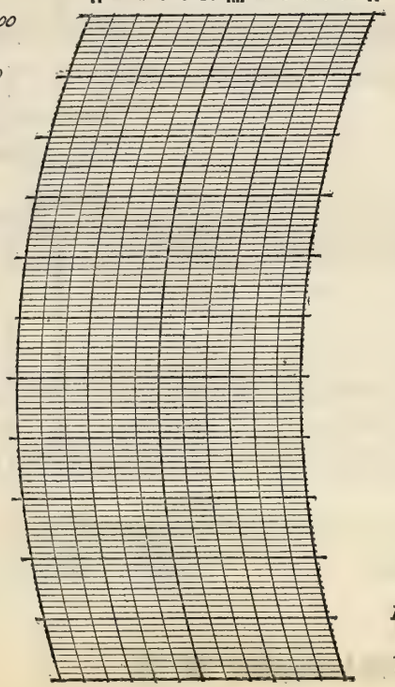
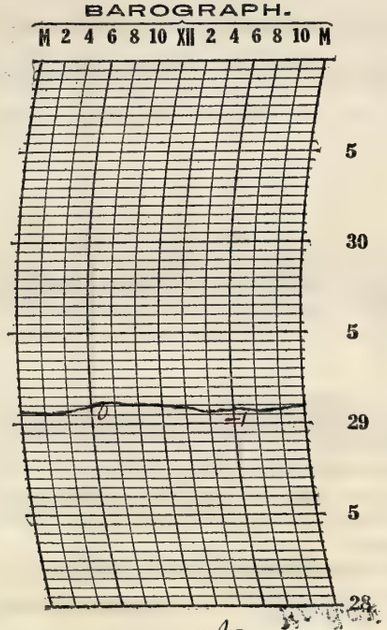


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

8—486

NOTES

It was partly cloudy during the day. Temperatures rose to above normal and remained quite warm into the evening. At ten p.m. there was noticed what was believed to be the light reflected on high clouds but which from later indications showed were auroral displays of the corona type with streamers rising up to a point and uniting in a shaft pointing towards the south.

Telegraph lines were affected by the electrical disturbance

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 8, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	73	73	74	75	76	79	85	88	88	89	90	89	87	78	79	78	78	76	75	74	74	74
State of weather: Nature of precipitation and time of beginning and ending																RB 3:40	RE 4:15							
Amounts of precipitation																T	.11							
Cloudiness and other conditions					← Cldy		→				Pt Cldy				→	Cldy	→	Pt	Cldy		→			
Sunshine (in tenths of hours)					0	0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0	0.8	0				
Wind direction	SW	SW	S	SW	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	W	SW	SW	S	S	SW	SW	SW
Wind movement	7	4	4	4	5	7	7	8	9	9	7	7	8	8	9	12	6	8	8	6	8	8	9	8

Sunrise: Time, 4:16 Character, Cloudy
Moonrise: 10:58p — —

Sunset: Time, 7:15 Character, Cloudy
Moonset: 10:57a — —

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

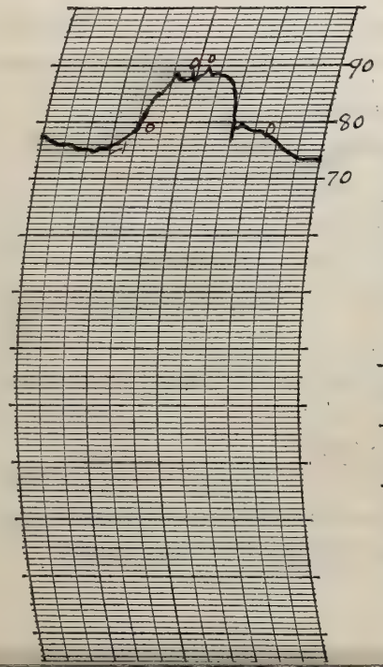
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	73	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Pt Cloudy Moon phase, 7th day Full Moon
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind, 176
Average hourly velocity, 7.3 Extreme velocity, 22
Maximum velocity, 21 Direction, S
Time began, 3:54 pm
Reduced barometer, 30.01 7 a. m. 29.91 7 p. m.
River gage, 3.7 feet
Relative humidity, 75 7 a. m. 76 7 p. m.

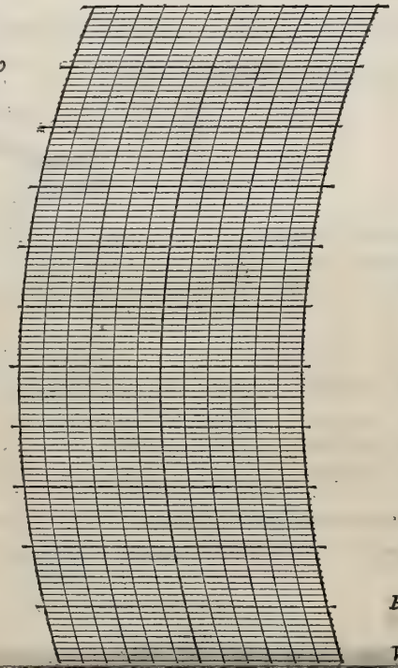
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 89.4 Wet temperature, 75.3
Dew-point, 69 R. humidity, 53 V. pressure, 70.7
Clouds: Amount, 6; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

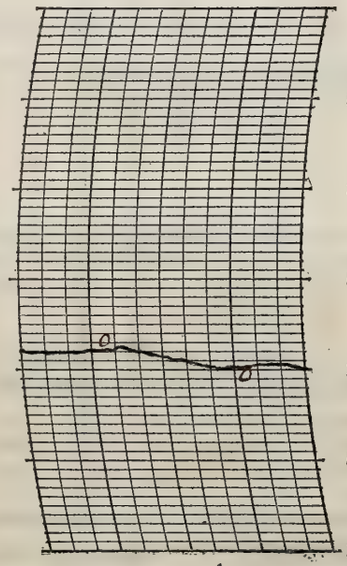
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

There was a thunderstorm near mid afternoon beginning at 3:25 p.m and lasting to 4:15 p.m. Temperatures were close to yesterday's until the thunder storm which cooled it off. As a whole the day was partly cloudy. Moderate to light southerly winds prevailed becoming fresh only near 4:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 9, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	74	74	73	74	74 RB 6.22	72	71	74 RE 9.06	79	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							.14	.05	.06	T		
Cloudiness and other conditions					← Cloudy					×		+ Cldy ×
Sunshine (in tenths of hours)					0	0.4	0	0	0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW
Wind movement	10	10	9	11	8	9	9	8	9	8	9	9

Sunrise: Time, 4:17 Character, Cloudy. Moonrise: 11:23p

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	74 RB 2.30	80 RE 3.16	82	81	80	76	73	71	71	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.01	.03								
Cloudiness and other conditions	Sly ×		Cloudy	×	Pt Cldy ×				← Clear			→
Sunshine (in tenths of hours)	1.0	1.0	0.6	0.6	1.0	1.0	0.4 0.6	0.25 0				
Wind direction	W	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	12	14	14	9	8	10	8	6	4	5	4	4

Sunset: Time, 7:15 Character, Clear. Moonset: 12:08p

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	71	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .29 inches.

Character of day, Pt Cloudy Moon phase, 2d day Full Moon

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 9.8 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 67

Prevailing wind direction, W Total wind, 207

Average hourly velocity, 8.6 Extreme velocity, 22

Maximum velocity, 20 Direction, W

Time began, 2:54 p.m.

Reduced barometer, 29.92 7 a. m. 29.90 7 p. m.

River gage, 3.4 feet

Relative humidity, 91 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

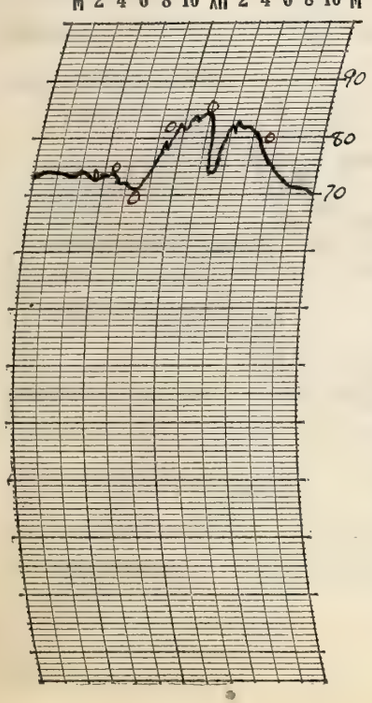
Dry temperature, 81.9 Wet temperature, 72.4

Dew-point, 68 R. humidity, 63 V. pressure, .684

Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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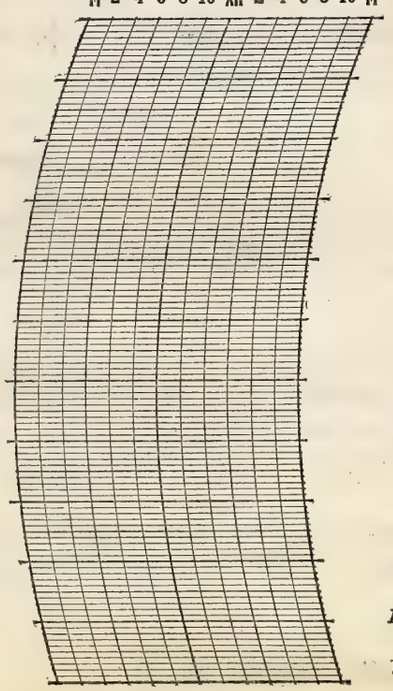
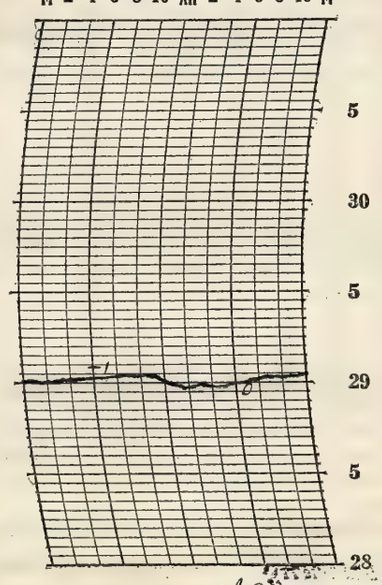


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

There were several rains during the day. One, covered the period from 6.22 a.m. to 9.06 a.m. and it rained quite heavy between 6:55 a.m. and 7:22 a.m. when .13 in. rain fell. The other rain occurred in the mid afternoon and there was a slight interval during it when it did not rain. It cleared up afterwards, and the brighter stars were visible in the evening. Temperatures were cooler than yesterday, while a moderate to light westerly wind prevailed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Tuesday, (Date) July 10, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	66	65	67	71	74	78	81	82	83
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	4	6	6	7	5	9	9	11	10	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	85	82	88	87	84	83	66	70	70	70	70
Nature of precipitation and time of beginning and ending								RB 7:35	BE 8:30			
Amounts of precipitation								.16	.02			
Cloudiness and other conditions						→ Pt Cldy		× Cldy	× Pt Cldy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	SW	SW	W	W	SW	SW	W	SW	SW	W	SW	SW
Wind movement	12	12	11	10	11	8	6	9	4	3	5	5

Sunrise: Time, 4:18 Character, Clear
Moonrise: 11:55p ---

Sunset: Time, 7:15 Character, Cloudy
Moonset: ---

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

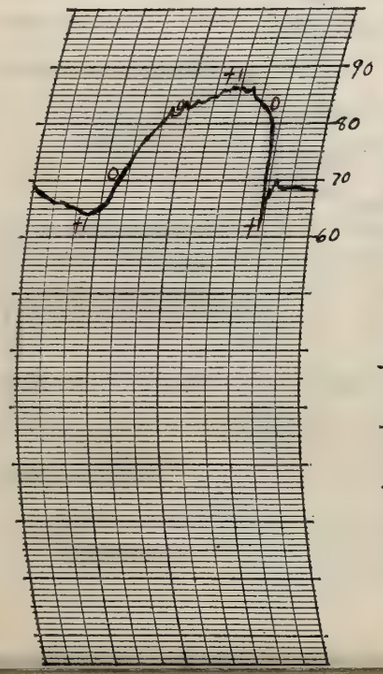
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .18 inches.
Character of day, Clear Moon phase, Last Quarter
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 17
Maximum velocity, 26 Direction, SW
Time began, 2:06 p.m.
Reduced barometer, 29.98 7 a. m. 29.91 7 p. m.
River gage, 3.3 feet
Relative humidity, 78 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.2 Wet temperature, 68.1
Dew-point, 60 R. humidity, 46 V. pressure, .517
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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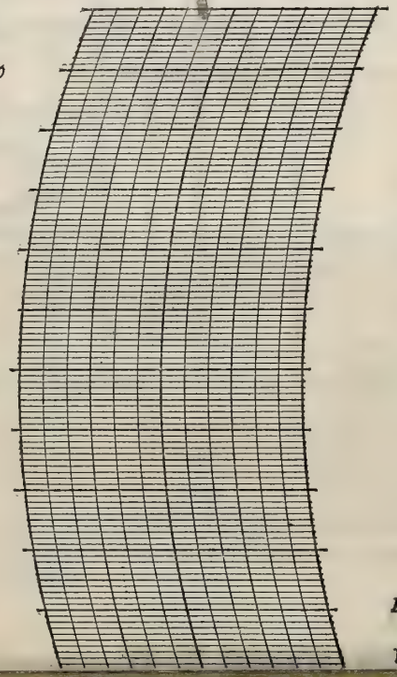
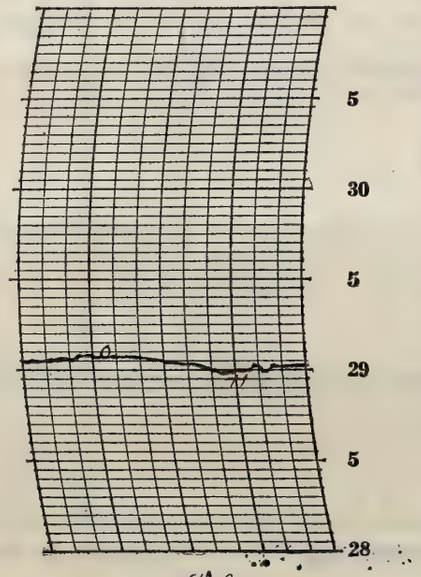


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

Thunder was first heard in the evening at 6:50 p.m. About half an hour later a violent electrical storm commenced and a heavy rain began to fall at 7:35 p.m. After about 10 minutes it commenced slowing up and ended at 8:30 p.m. It was clear most of the day becoming cloudy towards sunset and again clearing up later in the evening. The brighter stars were observed.

There was a heavy dew

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 11, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	68	68	70	71	74	79	74	79	82
Nature of precipitation and time of beginning and ending										RB 9:29 RE 9:55		RB 11:48 RE 11:59
Amounts of precipitation										.08		.10
Cloudiness and other conditions					←	Pt Cldy				×Cldy	×Cldy	×Cldy
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	0.5	1.0	0.8
Wind direction	SW	SW	N	N	N	NW	NW	NE	NE	W	SW	NW
Wind movement	3	5	4	1	2	2	2	3	3	6	3	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	79	73	77	78	75	70	68	66	64	64
Nature of precipitation and time of beginning and ending				RB 3:02 RE 3:40								
Amounts of precipitation				.12								
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.8	0.9	0.3	0.5	1.0	1.0	0.6 0.4	0.23 0				
Wind direction	N	NW	N	NW	W	W	N	N	N	N	N	N
Wind movement	4	7	3	5	5	7	9	7	7	5	6	4

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 4:18 Character, Cloudy

Moonrise:

Sunset: Time, 7:14 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .18 ins.; to 7 p. m., 0.30 ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Pt Cloudy Moon phase, 1st day 1.2.

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 10.4 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 70

Prevailing wind direction, N Total wind, 109

Average hourly velocity, 4.5 Extreme velocity, 16

Maximum velocity, 15 Direction, N

Time began, 11:48 a.m.

Reduced barometer, 29.94 7 a. m. 29.98 7 p. m.

River gage, 2.9 feet

Relative humidity, 84 7 a. m. 50 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

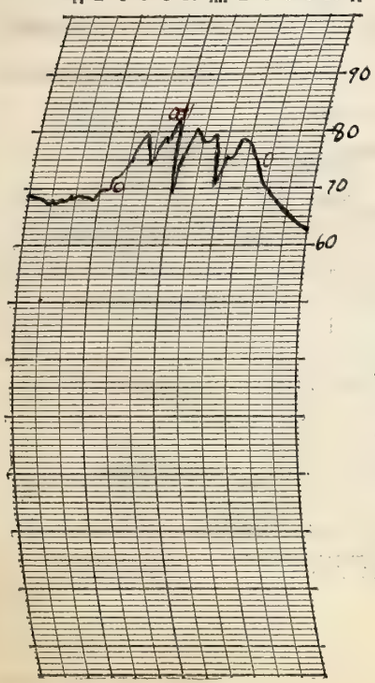
Dry temperature, 81.8 Wet temperature, 71.9

Dew-point, 68 R. humidity, 62 V. pressure, 6.84

Clouds: Amount, 6; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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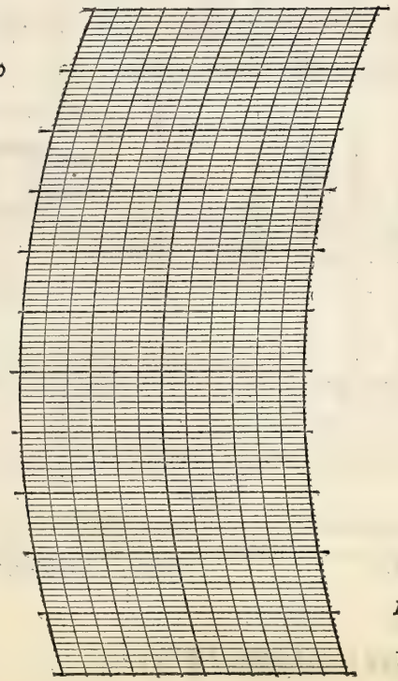
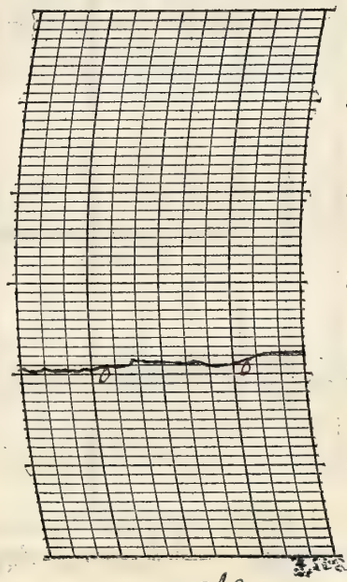


BAROGRAPH.



Prepared by O.J.

Verified by E.L.H.

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NOTES

It was partly cloudy most of the day and at different times it became cloudy and threatening with rain falling. Thunder was first heard at 9:43 a.m., 11:32 a.m., and 3:10 p.m. for the storms that occurred during the day. Temperatures became cooler than yesterday in the late morning and the remaining part of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) July 12, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	60	59	59	60	63	66	68	70	72	73	74	75	76	75	75	74	72	70	68	66	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Pt		Cloudy							×		Cloudy				→
Sunshine (in tenths of hours)					0.68 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0.2	0	0				
Wind direction	N	N	N	N	N	NE	NE	NE	E	E	E	E	E	E	NE	E	E	E	E	E	E	E	E	NE
Wind movement	4	5	5	5	4	6	5	6	6	5	7	7	6	5	6	6	5	6	6	6	6	6	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:19 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

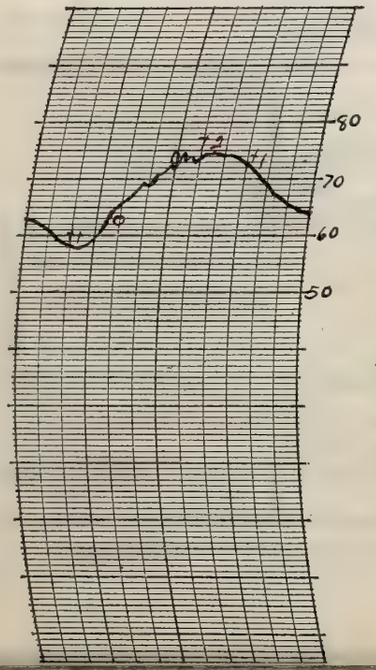
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 79
Prevailing wind direction, E Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 11:17 a.m.
Reduced barometer, 30.06 7 a. m. 29.99 7 p. m.
River gage, 2.6 feet
Relative humidity, 78 7 a. m. 63 7 p. m.

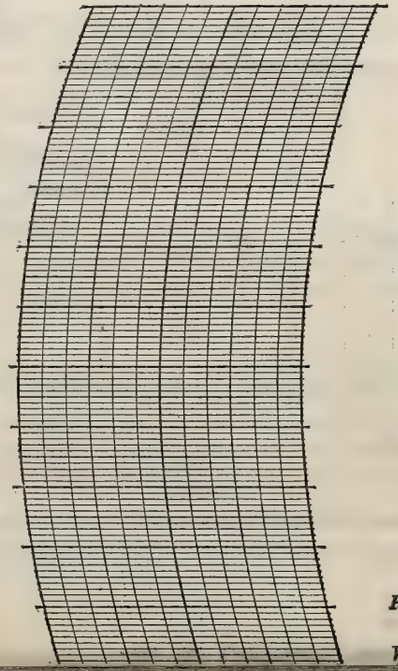
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.9 Wet temperature, 63.0
Dew-point, 5 R. humidity, 58 V. pressure, 4
Clouds: Amount, 6 Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

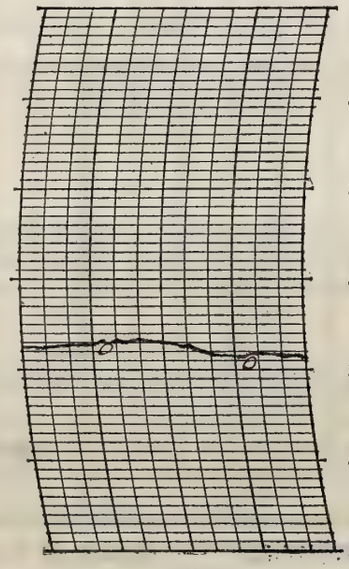
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by GH.
Verified by G.L.H

NOTES

It was partly cloudy during the day becoming cloudy towards evening. A light easterly wind prevailed during most of the day. Temperatures were cooler than for the past several days.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) July 13, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	63	62	61	62	62	63	65	66
Nature of precipitation and time of beginning and ending				RB DN2								RE 11:15
Amounts of precipitation				.01	.07	.06	.07	.04	.01	T	T	.01
Cloudiness and other conditions												Cloudy
Sunrise: Time, Character,	4:20 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	1.0	1.0
Wind direction	E	E	E	E	E	E	NE	NE	E	E	E	E
Wind movement	7	6	6	5	2	4	6	6	7	6	6	7

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	63	64	65	64	63	63	63	62	61	61
Nature of precipitation and time of beginning and ending	RB 12:45	RE 1:05	RB 2:35		RE 4:30	RB 5:30		RE 7:05				
Amounts of precipitation	T	T	T	T	T	T	.01	T				
Cloudiness and other conditions												
Sunset: Time, Character,									7:13 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0.5	0	0	0	0	0	0	0				
Wind direction	E	NE	NE	N	NE	N	NW	NW	N	NE	E	NE
Wind movement	6	6	9	5	5	4	6	6	5	6	2	2

State of weather.

Maximum velocities (exceeding 24 7 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	61	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., 0.8 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.6 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 17

Prevailing wind direction, E Total wind, 130

Average hourly velocity, 5.4 Extreme velocity, 9

Maximum velocity, 9 Direction, NE

Time began, 2:41 p.m.

Reduced barometer, 29.96 7 a. m. 29.94 7 p. m.

River gage, 2.6 feet

Relative humidity, 95 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

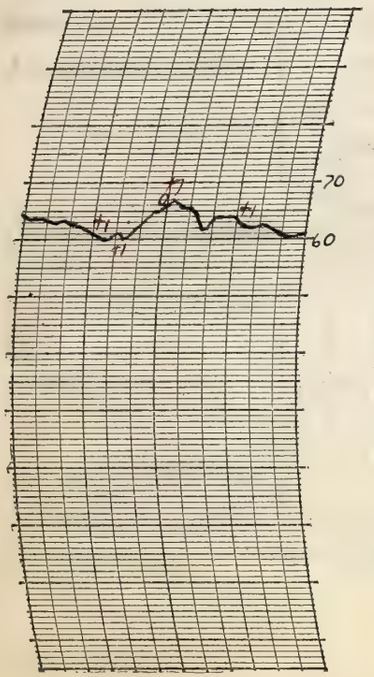
Dry temperature, 65.9 Wet temperature, 61.1

Dew-point, 58 R. humidity, 77 V. pressure, .482

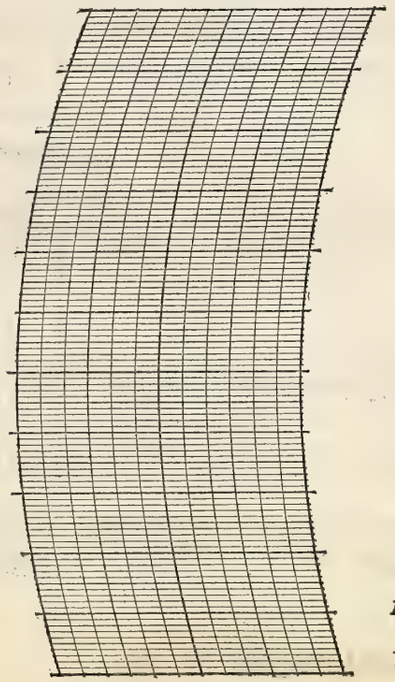
Clouds: Amount, 10; Kind, cu; Direction, NE

Velocity of clouds (miles per hour)

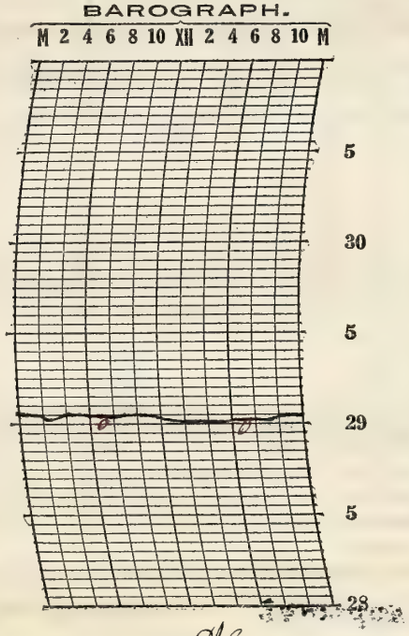
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H.

8—486

NOTES

The afternoon rains were very light at times being only a mist. However the streets were slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) July 14, 1928

Time (local standard) mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	59	59	60	61	63	66	70	71	72	73	73	74	72	73	71	70	66	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending													RB 2.06 RE 2.07 RB 2.25 RE 2.33					RB 5.10 RE 5.20						
Amounts of precipitation													T					T						
Cloudiness and other conditions					←							Cloudy								Pt Cldy			→	
Sunrise: Time, 4:21 Character, Cloudy																					Sunset: Time, 7:13 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.3	1.0	1.0	1.0	0.9	0.8	1.0	0.6	0.8	0.1	0	0				
Wind direction	N	N	N	NW	NW	NW	NW	NW	W	W	W	NW	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	6	4	3	3	4	5	6	5	9	10	11	9	9	8	9	10	7	6	7	6	6	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

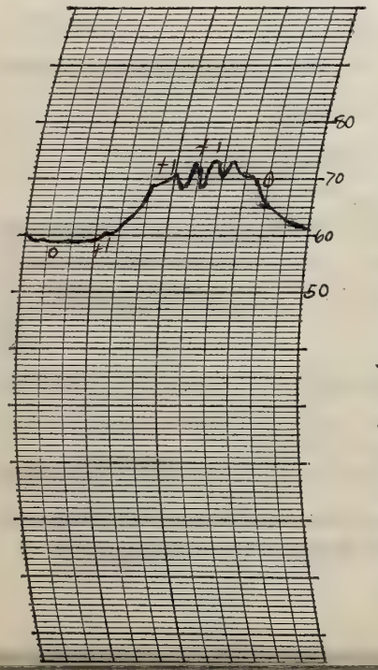
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.5 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 50
Prevailing wind direction, W Total wind, 155
Average hourly velocity, 6.5 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 9:53 a.m.
Reduced barometer, 29.99 7 a. m. 29.96 7 p. m.
River gage, 1.9 feet
Relative humidity, 84 7 a. m. 77 7 p. m.

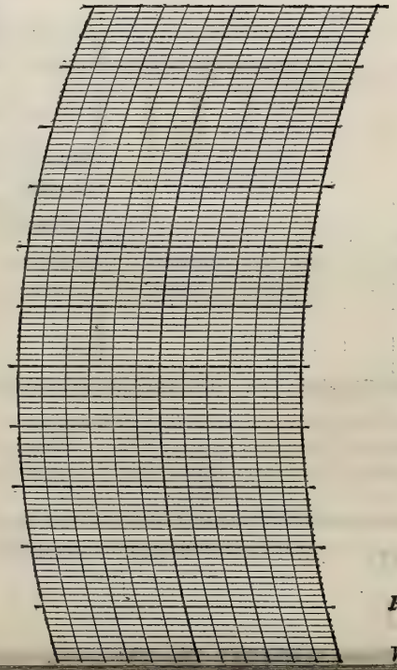
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.8 Wet temperature, 62.2
Dew-point, 57 R. humidity, 58 V. pressure, .465
Clouds: Amount, 1; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

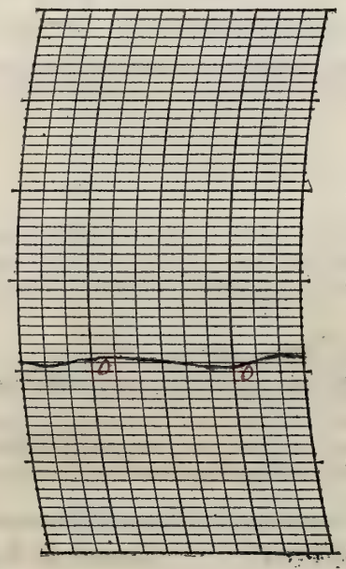
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H.

NOTES

Several light sprinkles fell during the afternoon. It was cloudy most of the day but became partly cloudy towards evening. Temperatures still remain below normal with a gentle to light westerly wind prevailing

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 15, 1928

Time (local standard) mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	58	58	60	65	70	73	76	77	78	79	80	81	81	81	80	78	75	72	71	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					×		Pt	Cloudy					×		Clear				→
Sunrise: Time, 4:21 Character, Clear																					Sunset: Time, 7:12 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.65 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.20 0				
Wind direction	W	W	WSW		W	W	W	W	W	W	W	W	W	WNW		W	WNW	NW	NW	NW	NW	NW	W	W
Wind movement	6	7	6	7	7	7	5	7	10	12	13	10	9	11	11	11	11	7	5	5	4	3	1	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind, 177

Average hourly velocity, 7.4 Extreme velocity, 17

Maximum velocity, 16 Direction, W

Time began, 9:52 a m

Reduced barometer, 30.02 7 a. m. 30.04 7 p. m.

River gage, 2.4 feet

Relative humidity, 78 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

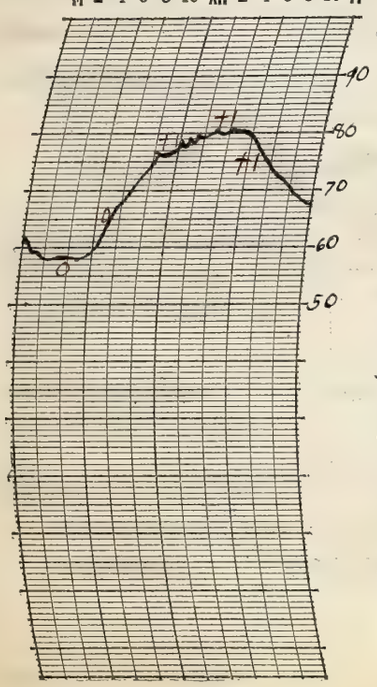
Dry temperature, 78.0 Wet temperature, 64.5

Dew-point, 57 R. humidity, 48 V. pressure, .465

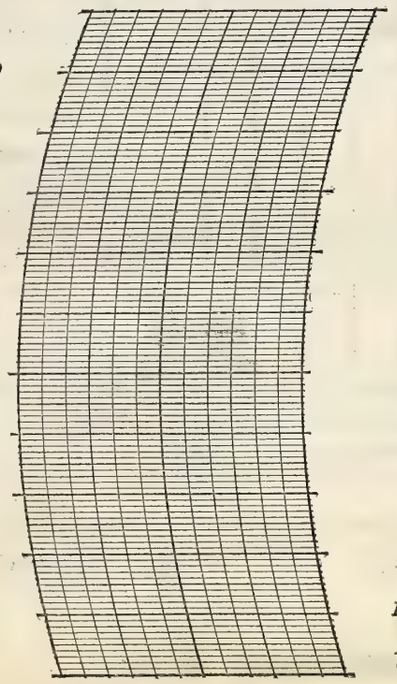
Clouds: Amount, 6; Kind, cu; Direction, NW

Velocity of clouds (miles per hour)

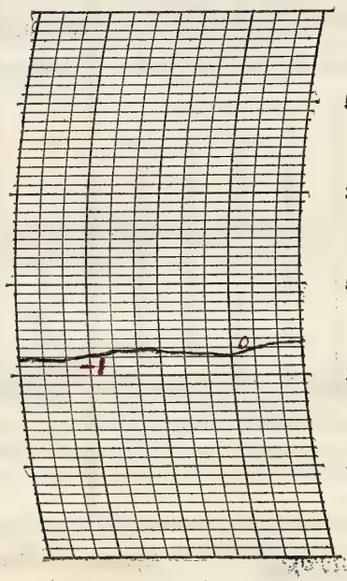
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

It was somewhat warmer than yesterday with broken clouds visible near noon and during most of the afternoon. A moderate to light westerly wind prevailed. A pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 16, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	62	60	61	63	69	74	78	80	83	83	83	86	86	87	85	84	83	78	76	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear							PT	Cloudy								→ Clear			
Sunshine (in tenths of hours)					0.63 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.18 0				
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	W	SW	W	SW	W	W	W	W	W	SW	SW	SW	SW
Wind movement	2	1	1	3	2	1	3	4	4	5	5	4	4	6	5	6	7	5	3	4	3	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:22 Character, Clear
Moonrise:
Sunset: Time, 7:16 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

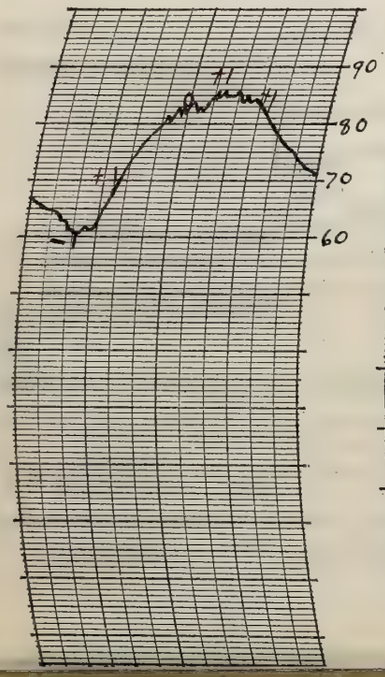
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PT Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 89
Average hourly velocity, 3.7 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 1:59 p.m.
Reduced barometer, 30.13 7 a. m. 30.09 7 p. m.
River gage, 2.13 feet
Relative humidity, 64 7 a. m. 45 7 p. m.

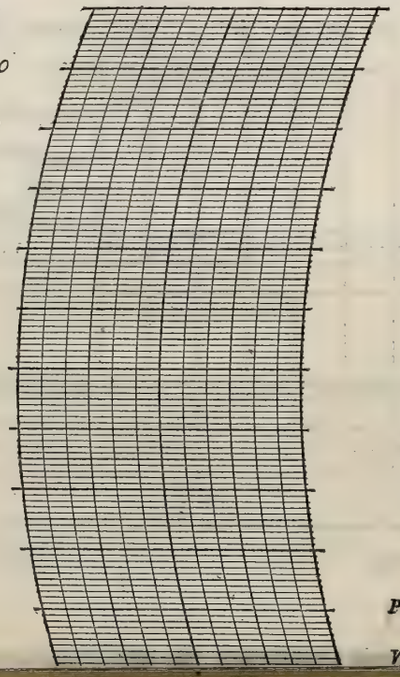
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.4 Wet temperature, 66.8
Dew-point, 58 R. humidity, 42 V. pressure, .482
Clouds: Amount, 2; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

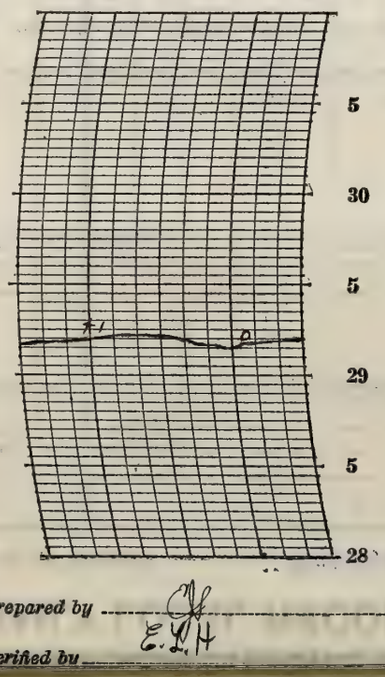
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.L.H.

NOTES

Temperatures are still getting warmer. It became partly cloudy near noon and during the afternoon. However it became clear in the evening. The brighter stars were visible. A light westerly wind prevailed most of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) July 17, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	67	66	65	68	73	75	81	82	84	85	86	86	85	86	84	84	83	79	77	76	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					×					Pt. Cloudy									→
Sunshine (in tenths of hours)					0.62 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	2	2	1	1	1	3	4	4	6	5	6	7	7	8	7	6	6	5	4	5	3	3	4

Sunrise: Time, 4:23 Character, Clear
Moonrise:
Sunset: Time, 7:11 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

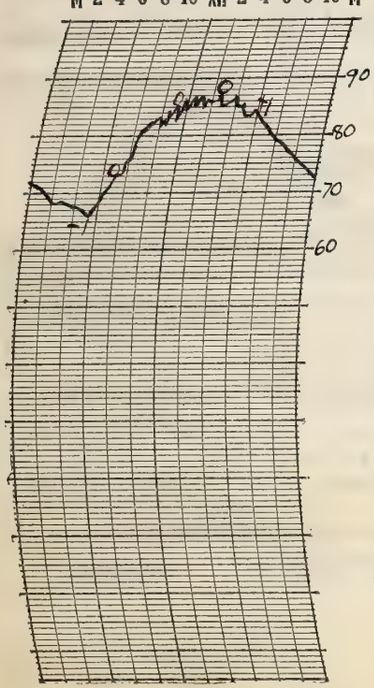
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.1 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 82
Prevailing wind direction, SW Total wind, 102
Average hourly velocity, 7.2 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 2:49 pm
Reduced barometer, 30.11 7 a. m. 30.00 7 p. m.
River gage, 2.5 feet
Relative humidity, 63 7 a. m. 49 7 p. m.

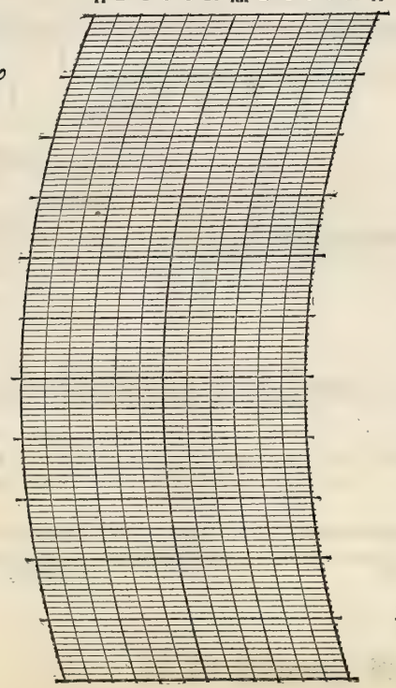
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.1 Wet temperature, 66.2
Dew-point, 55 R. humidity, 36 V. pressure, .432
Clouds: Amount, 4; Kind, cu.; Direction, W
Velocity of clouds (miles per hour) ____

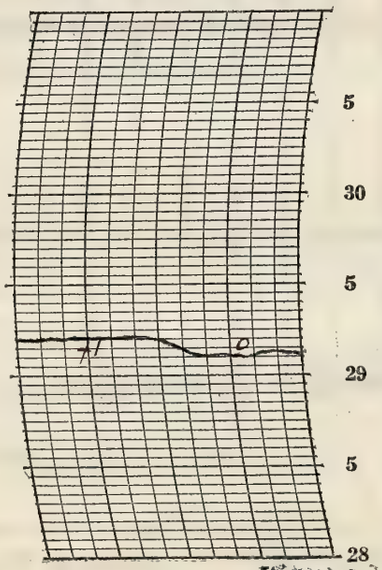
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.
Verified by E.L.H.

8—486

NOTES

It was a nice day becoming partly cloudy near mid morning. Temperatures are slightly above normal. The stars shone bright in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 18, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	69	68	68	68	72	74	78	82	84	86	87	89	89	89	87	86	72	72	73	73	72	72	72
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:37	RE 3:58	RB 6:26 RE 6:38	RB 7:02	RE 8:30			
Amounts of precipitation																	T	.11	.03	.06	.01			
Cloudiness and other conditions					←		Pt.		Cloudy						→				Cloudy				→	
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	N	NW	W	W	SW	SW
Wind movement	6	7	5	3	4	6	6	8	7	8	8	9	8	9	11	10	7	14	8	6	6	6	5	4
Maximum velocities (exceeding 24 miles) direction and time																		19 NW 5:40						

Sunrise: Time, 4:24 Character, Clear
Moonrise:

Sunset: Time, 7:10 Character, Cloudy
Moonset:

0.60 ~~0.58~~

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

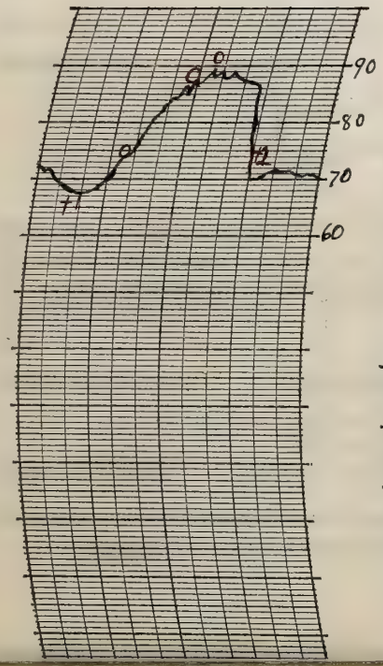
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	90	68	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.1 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 68
Prevailing wind direction, SW Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 35
Maximum velocity, 29 Direction, NW
Time began, 5:40 p.m.
Reduced barometer, 29.89 7 a. m. 29.82 7 p. m.
River gage, 3.0 feet
Relative humidity, 72 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.9 Wet temperature, 72.2
Dew-point, 66 R. humidity, 49 V. pressure, .638
Clouds: Amount, 5; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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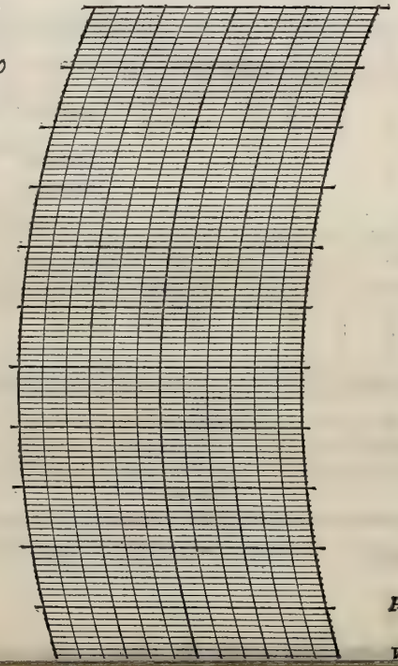
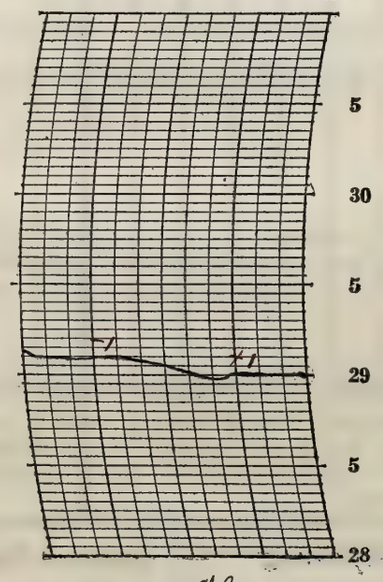


BAROGRAPH.



Prepared by C.H.

Verified by E. H.

NOTES

There were several thunderstorms during the late afternoon and early evening. Thunder was first heard at 4:28 p.m. while another thunderstorm began at 7:02 p.m. and ended at 8:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) July 19, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	70	70	72	75	77	79	83	86	87	88	89	89	73	73	73	74	73	72	72	71	71
State of weather: Nature of precipitation and time of beginning and ending																RB 3:20 RE 4:00								
Amounts of precipitation																.12								
Cloudiness and other conditions					←			Pt Cloudy								X		Cloudy			X	Pt Cldy		
Sunrise: Time, 4:25 Character, Cloudy																					Sunset: Time, 7:09 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.8	0.8	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.3	0	0	0				
Wind direction	SW	SW	W	W	W	W	SW	NW	W	NE	SW	SW	SW	SW	SW	W	NW	W	W	W	SW	SW	SW	W
Wind movement	3	4	3	3	3	5	3	5	3	4	5	8	12	15	14	15	7	4	3	5	7	8	9	6
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

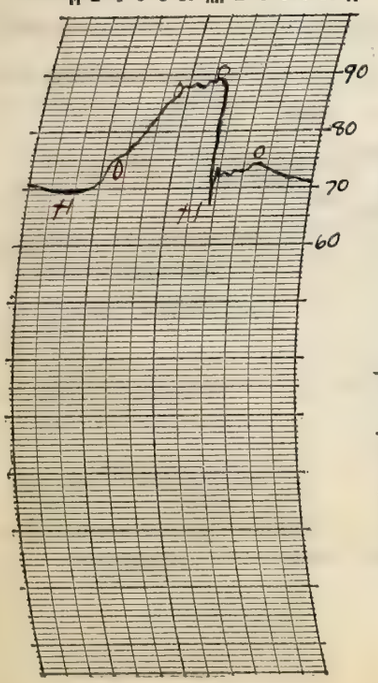
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.0 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 30
Maximum velocity, 24 Direction, NW
Time began, 3:34 p.m.
Reduced barometer, 29.91 7 a. m. 29.82 7 p. m.
River gage, 3.3 feet
Relative humidity, 87 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.4 Wet temperature, 75.9
Dew-point, 71 R. humidity, 59 V. pressure, .757
Clouds: Amount, 6; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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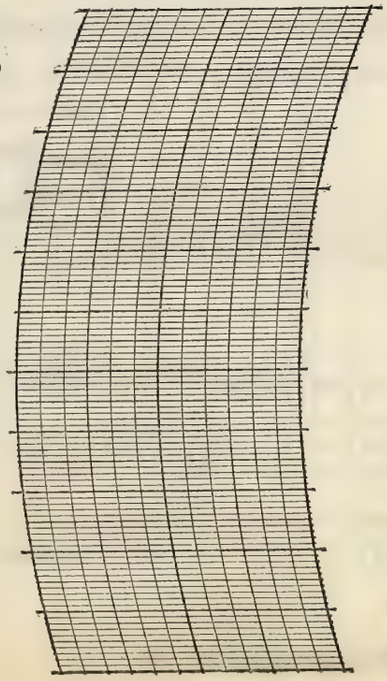
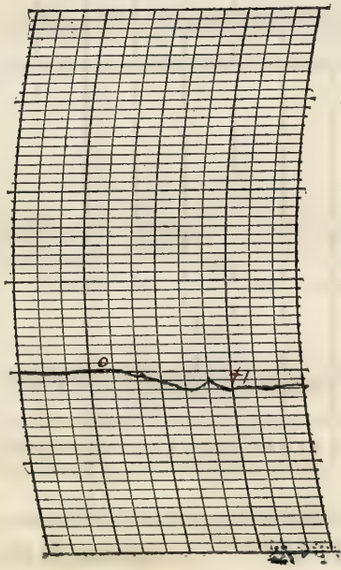


BAROGRAPH.



Prepared by CJS.

Verified by E. L. H.

8—486

NOTES

Temperatures were close to yesterdays. A thundershower occured shortly after midafternoon thunder being first heard at 3:30 p.m. Temperatures fell after the rain and remained quite pleasant the rest of the day. Moderate to light westerly winds prevailed.

The brighter stars were visible in the later part of the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) July 20, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	71	72	76	77	82	83	83	85	88	87	82	76	74	74	73	72	72	76	71	71
State of weather: Nature of precipitation and time of beginning and ending															RB 2:15 RE 2:25									
Amounts of precipitation															02									
Cloudiness and other conditions					←		Cloudy								Cloudy				Cloudy					→
Sunrise: Time, 4:26 Character, Cloudy																					Sunset: Time, 7:09 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.7	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0	0				
Wind direction	W	W	SW	SW	W	SW	W	W	W	W	W	W	W	W	WW	SW	SW	SW	SW	W	W	W	SW	W
Wind movement	6	6	7	7	8	11	8	8	7	7	7	8	9	9	9	10	9	11	7	5	5	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.0 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 3:36 p.m.
Reduced barometer, 29.847 a. m. 29.87 7 p. m.
River gage, 3.3 feet
Relative humidity, 87 7 a. m. 70 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

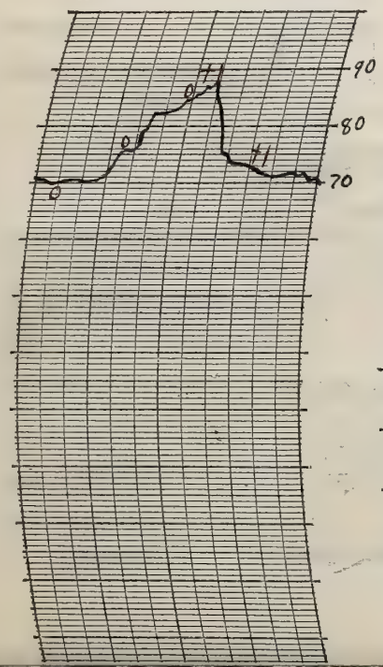
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

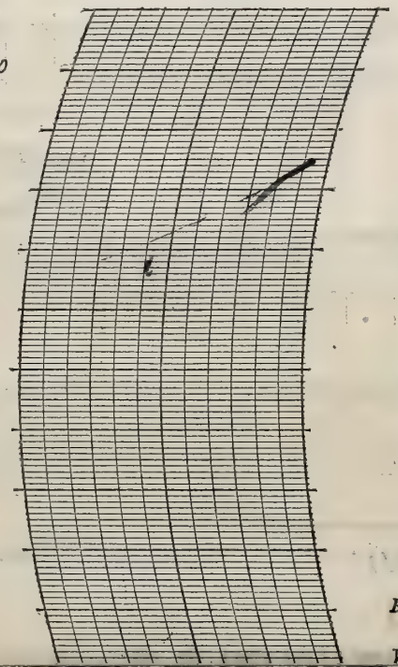
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 84.9 Wet temperature, 76.9
Dew-point, 74 R. humidity, 70 V. pressure, 838
Clouds: Amount, 6; Kind, ~~Cu~~ Sc; Direction, SW
Velocity of clouds (miles per hour)

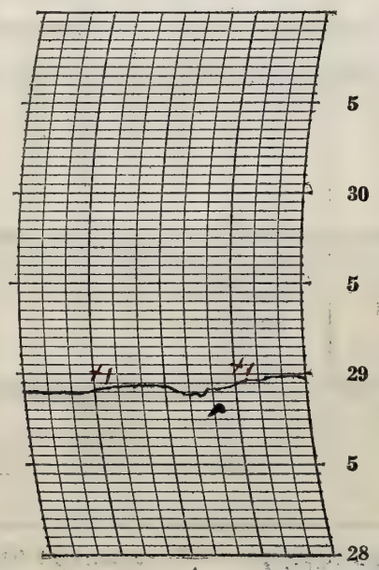
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. J. H.

Verified by

NOTES

A light rain fell in the late afternoon. At 1:50 p.m. thunder was heard and an electrical storm was observed passing to the south. A slight sprinkle fell between 2:15 and 2:25 p.m. Lightning was next observed in the SE at 2:45 p.m. and thunder was heard at 2:56 p.m. Rain commenced falling at 3:55 p.m. and ended at 5:00 p.m. It remained cloudy into the evening. Temperatures were close to yesterday's with a gentle to light westerly wind prevailing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) July 21, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	70	70	71	75	77	80	82	82	88	82	71	71	72	72	73	73	73	72	72	71
State of weather: Nature of precipitation and time of beginning and ending															RB 2:25	RE 3:50	RB 4:20 RE 4:50							
Amounts of precipitation															1.60	.44	.02							
Cloudiness and other conditions					← Fog →								Cloudy											→
Sunrise: Time, 4:27 Character, Cloudy																					Sunset: Time, 7:08 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0	0	0				
Wind direction	W	W	W	W	W	W	SW	NW	SW	SW	SW	W	SW	W	SW	SE	S	S	S	SW	SW	SW	SW	SW
Wind movement	3	5	3	3	3	3	2	2	5	4	5	4	4	4	10	6	6	3	3	7	6	6	6	6
Maximum velocities (exceeding 24 miles) direction and time															30 SW 2:42									

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	69	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 2.06 ins.

Total precipitation, midnight to midnight, 2.06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 7.2 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 49

Prevailing wind direction, SW Total wind, 109

Average hourly velocity, 4.5 Extreme velocity, 33

Maximum velocity, 30 Direction, SW

Time began, 2:42 p.m.

Reduced barometer, 29.96 7 a. m. 29.91 7 p. m.

River gage, 2.7 fall

Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 82.4 Wet temperature, 75.2

Dew-point, 72 R. humidity, 72 V. pressure, 28.3

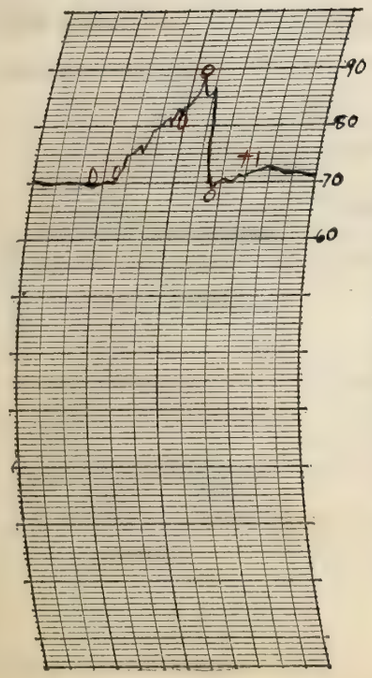
Clouds: Amount, 10; Kind, st cu; Direction, W

Velocity of clouds (miles per hour)

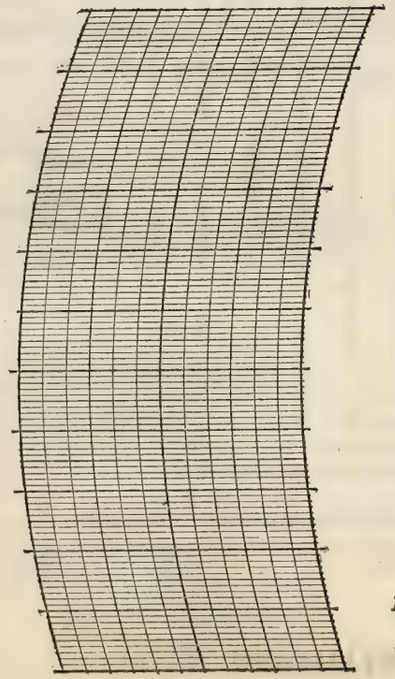
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
2:50 p	3:50 p	2.04	2:34 p	3:14 p	.03	.05	.24	.69	1.17	1.48	1.62	1.88	1.97						

Excessive precipitation, accumulated amounts

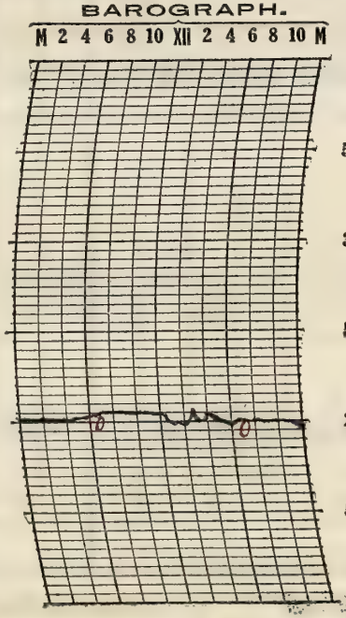
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. A.

8—486

NOTES

A light fog began at 4:40 a.m. and ended at 7:30 a.m. Thunder was first heard at 2:25 p.m. when there began a very heavy rain and a severe thunderstorm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 22, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	71	71	72	72	72	72	75	77	79	81	80	84	86	86	85	84	82	79	75	74	73	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy								×	Pt.	Cldy	×		Clear				→
Sunrise: Time, 427 Character, Cloudy																					Sunset: Time, 707 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.3	0.9	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	7	8	6	10	7	7	8	6	6	7	8	7	9	11	10	12	11	10	6	7	5	4	3	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

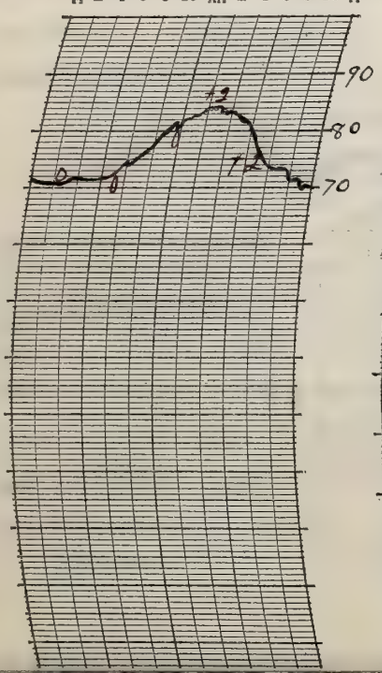
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	71	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 63
Prevailing wind direction, NW Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 3:49 p.m.
Reduced barometer, 29.88 7 a. m. 29.85 7 p. m.
River gage, 2.4 feet
Relative humidity, 95 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.2 Wet temperature, 73.0
Dew-point, 69 R. humidity, 71 V. pressure, 707
Clouds: Amount, 8 Few; Kind, Cu Ci; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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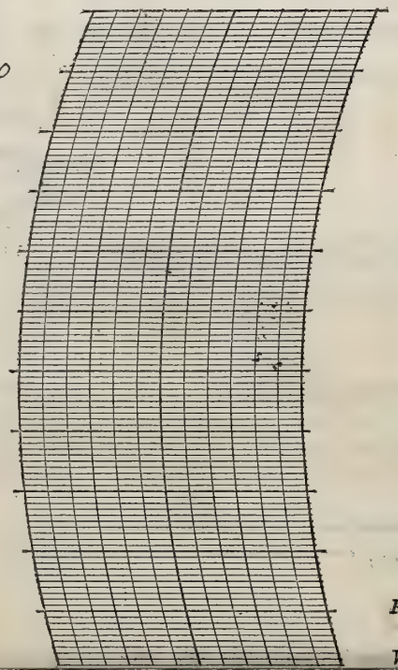
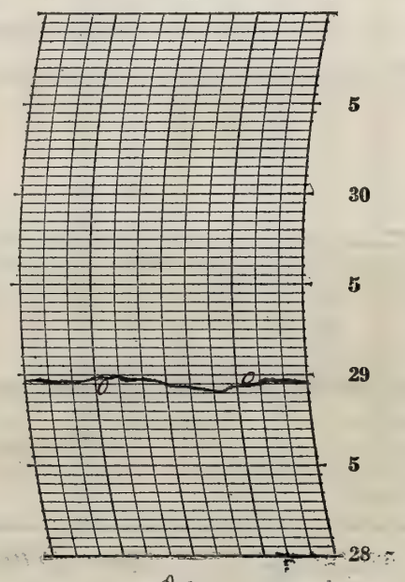


BAROGRAPH.



Prepared by J.H.
Verified by E.L.H

NOTES

A very pleasant day with temperatures above normal. It was cloudy during the greater part of the day becoming clear in the evening. A gentle to light westerly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 23, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	67	66	64	65	66	67	71	73	76	77
Nature of precipitation and time of beginning and ending								RB 7:15 E 7:20				
Amounts of precipitation								T				
Cloudiness and other conditions					← Pt Cldy							→
Sunshine (in tenths of hours)					0.5 0	0.3 0.7	0.7	0.1	1.0	1.0	1.0	1.0
Wind direction	W	NW	NW	N	NW	NW	N	N	N	N	N	N
Wind movement	4	6	5	4	5	7	7	7	6	7	9	8

Sunrise: Time, 4:28 Character, Clear

Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	81	81	80	79	77	72	69	68	67	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.10 0				
Wind direction	N	NW	N	N	N	NW	NW	NW	NW	N	N	N
Wind movement	9	9	9	8	9	8	8	6	7	6	4	4

Clear

Sunset: Time, 7:06 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	64	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.4 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 92

Prevailing wind direction, N Total wind, 162

Average hourly velocity, 6.8 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 4:10 p.m.

Reduced barometer, 29.96 7 a. m. 29.99 7 p. m.

River gage, 2.2 feet

Relative humidity, 90 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

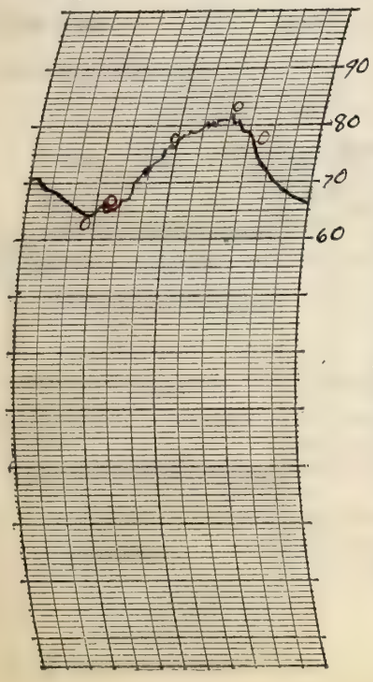
Dry temperature, 76.8 Wet temperature, 67.0

Dew-point, 72 R. humidity, 61 V. pressure, 783

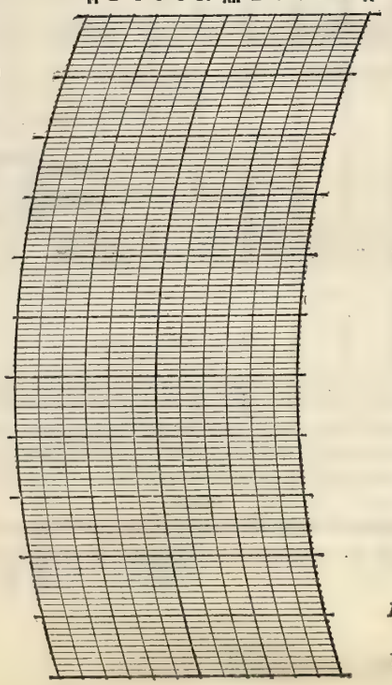
Clouds: Amount, 3; Kind, su; Direction, NW

Velocity of clouds (miles per hour)

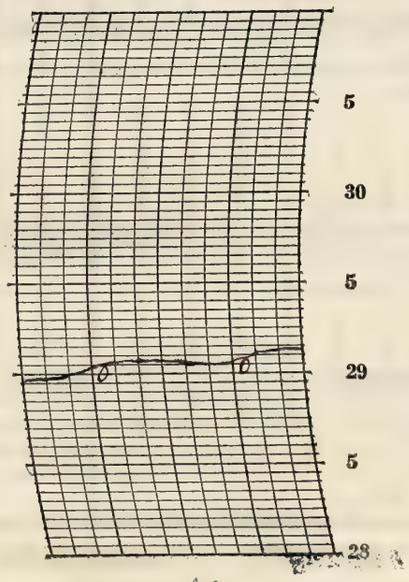
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

It was partly cloudy during most of the morning, clearing up near noon and continuing clear into the evening. Temperatures were close to normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) July 24, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	63	62	64	68	72	77	80	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				←			Clear			×	Pt Cldy	×
Sunrise: Time, Character, 4:29 Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.52 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	N	N	N	N	N	N	N	NW	NW	W	NW
Wind movement	3	4	3	3	2	3	2	2	4	3	4	5
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	82	82	84	85	84	83	82	78	75	74	73	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×						Clear					→
Sunset: Time, Character, 7:05 Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0	0				
Wind direction	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	N	NW
Wind movement	5	6	6	6	5	6	5	3	3	3	2	1
Maximum velocities (exceeding 24 miles) direction and time												

	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	86	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 99
Prevailing wind direction, NW Total wind, 89
Average hourly velocity, 3.7 Extreme velocity, 8
Maximum velocity, 8 Direction, N
Time began, 1:01 p.m.
Reduced barometer, 30.11 7 a. m. 30.09 7 p. m.
River gage, 2.6 fall
Relative humidity, 78 7 a. m. 47 7 p. m.

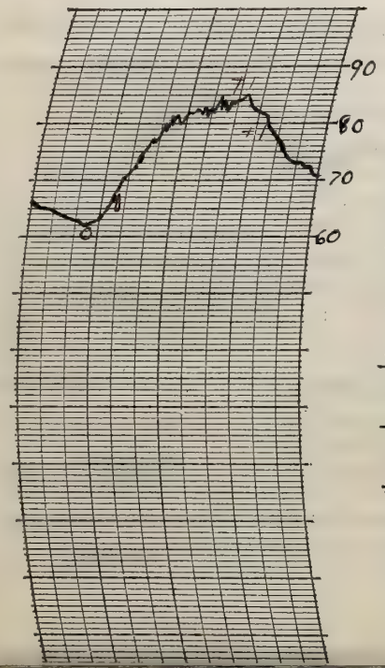
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

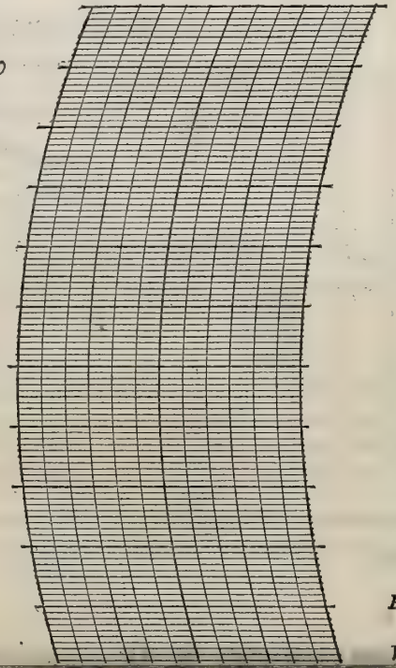
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 81.7 Wet temperature, 68.2
Dew-point, 61 R. humidity, 50 V. pressure, 5.36
Clouds: Amount, 2; Kind, ; Direction, NW
Velocity of clouds (miles per hour)

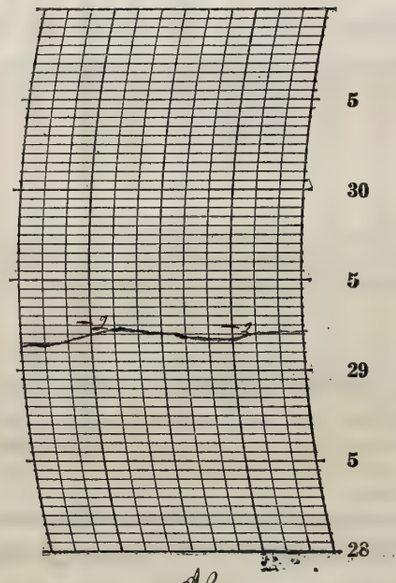
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.
Verified by E. L. H.

NOTES

Temperatures were close to normal. A light northerly wind prevailed during the day. It was mostly clear except near noon, while in the evening at sun set the sun sank behind a bank of clouds. The stars were quite plain in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) July 25, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	67	68	68	69	70	73	78	80	83	84	87	87	88	88	89	87	84	84	79	77	75	74	72
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:05 RE 5:10 RB 5:30 RE 5:35						
Amounts of precipitation																		T						
Cloudiness and other conditions					←			Part		Cloudy							X		Cloudy		X	Pt Cldy		
Sunrise: Time, Character	4:30 Cloudy																				Sunset: Time, Character	7:04 Cloudy		
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.6	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	O	NW	W	W	NW	NW	NW	W	SW	SW	SW	W	NW	NW	NW	W	W	N	N	N	N	N	NE	E
Wind movement	0	3	2	2	3	2	1	3	3	5	5	5	6	6	5	4	6	3	2	4	3	4	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	67	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 10.1 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 69

Prevailing wind direction, NW Total wind, 91

Average hourly velocity, 3.8 Extreme velocity, 9

Maximum velocity, 9 Direction, N

Time began, 1:22 pm

Reduced barometer, 30.13 7 a. m. 30.02 7 p. m.

River gage, 2.6 feet

Relative humidity, 74 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

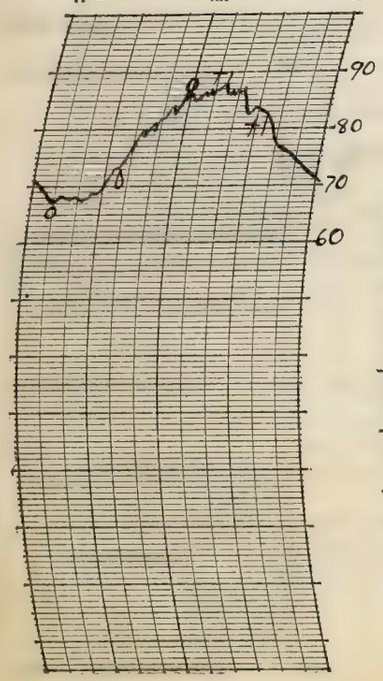
Dry temperature, 86.8 Wet temperature, 70.3

Dew-point, 62 R. humidity, 44 V. pressure, 5.55

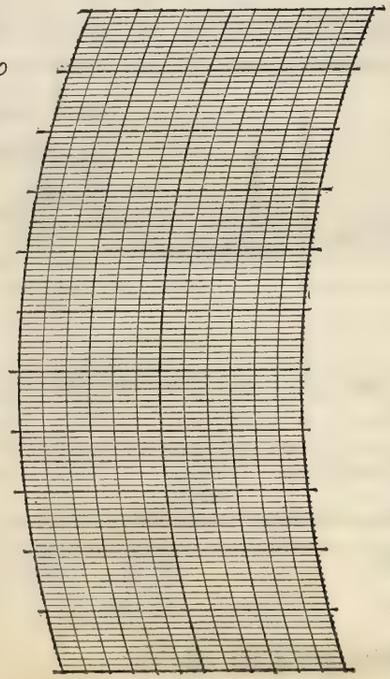
Clouds: Amount, 2; Kind, ; Direction, W

Velocity of clouds (miles per hour)

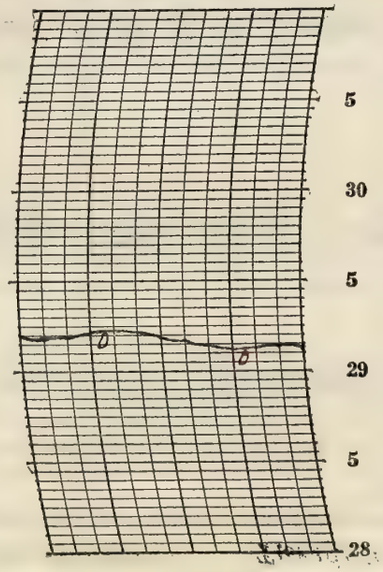
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EW

Verified by E. L. H.

8—486

NOTES

Temperatures were above normal and warmer than yesterday. A light sprinkle fell after 5:00 p.m. and another one close to 6:00 p.m. The day as a whole was partly cloudy with light winds prevailing. The brighter stars were visible in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) July 26, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	68	68	70	75	79	82	83	84	86	88	88	87	85	84	83	80	78	77	76	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Fog →			Cloudy					→	Pt Cldy					→	Cloudy	→	Pt Cldy		
Sunshine (in tenths of hours)					0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	E	E	E	E	E	E	E	SW	SW	SW	SW	W	W	W	W	W	W	NW	W	SW	W	W	SW	SW
Wind movement	5	8	5	4	4	3	2	1	4	6	8	5	8	9	8	5	5	3	2	5	4	3	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:31 Character, Cloudy
Moonrise:
Sunset: Time, 7:03 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

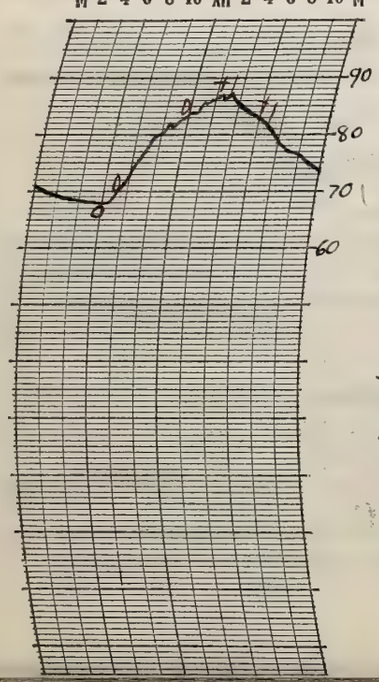
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 58
Prevailing wind direction, W Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 1:26 p.m.
Reduced barometer, 30.02 7 a. m. 29.86 7 p. m.
River gage, 2.5 feet
Relative humidity, 93 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.6 Wet temperature, 72.1
Dew-point, 67 R. humidity, 57 V. pressure, .661
Clouds: Amount, 2; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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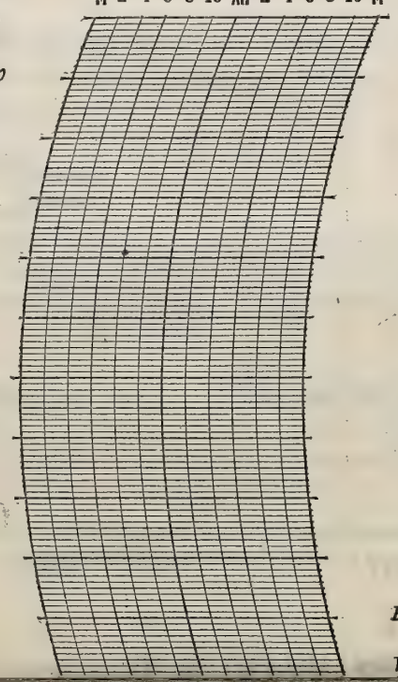
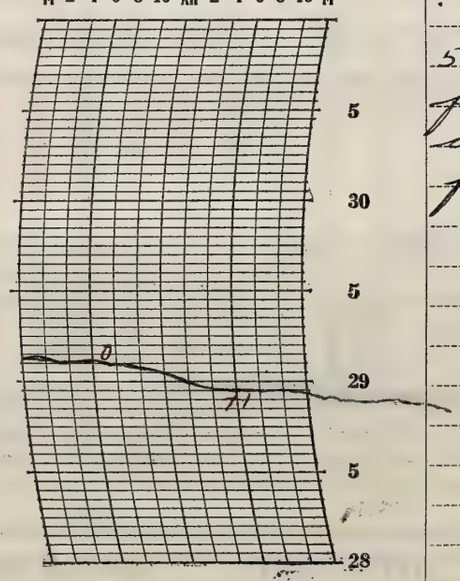


BAROGRAPH.



Prepared by C.J.
Verified by E.L.H.

NOTES

There was a light fog from 5:00 a.m. to 7:40 a.m. A heavy dew fell in the early morning and a faint 22° solar halo was visible from 10:00 p.m. to 12:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) July 27, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	70	70	68	67	69	70	76	80	82	84	84
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear →						Pt Cldy	
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	SW	SW	SW	W	SW	SW
Wind movement	5	7	8	7	7	6	8	8	9	9	8	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	72	76	77	75	71	68	65	62	60	59	58
Nature of precipitation and time of beginning and ending	RB 12:18 RE 12:45	RB 1:15	RE 2:10									
Amounts of precipitation	.32	.01	.01									
Cloudiness and other conditions	× Cloudy		×		Pt Cloudy							
Sunshine (in tenths of hours)	0.2	0	0.2	1.0	0.6	0.2	0	0				
Wind direction	W	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	9	6	8	13	13	12	11	8	8	8	8

State of weather.

Sunrise: Time, 4:32 Character, Cloudy

Moonrise:

Sunset: Time, 7:03 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .34 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10): 5

Actual sunshine, hours, 7.5 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 52

Prevailing wind direction, SW Total wind, 209

Average hourly velocity, 8.7 Extreme velocity, 17

Maximum velocity, 16 Direction, NW

Time began, 3:45 p.m.

Reduced barometer, 29.81 7 a. m. 29.83 7 p. m.

River gage, 2.5 feet

Relative humidity, 86 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

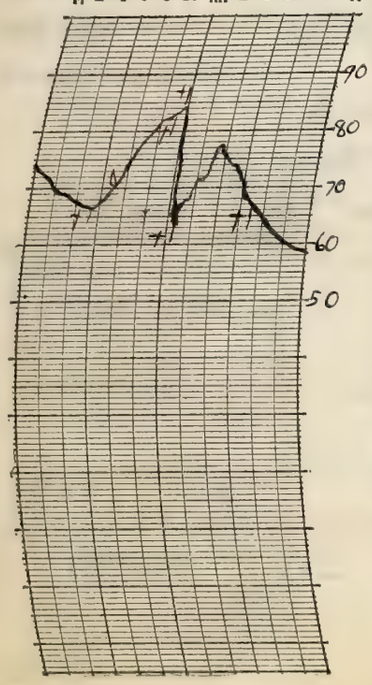
Dry temperature, 83.8 Wet temperature, 72.9

Dew-point, 68 R. humidity, 59 V. pressure, .684

Clouds: Amount, 6; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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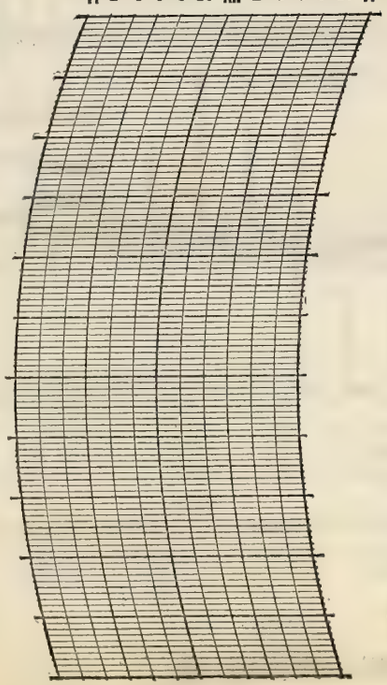
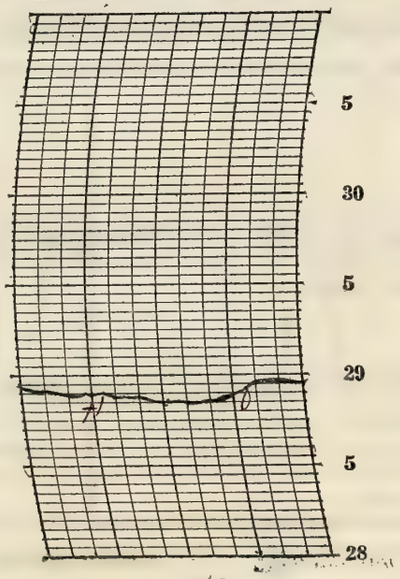


BAROGRAPH.



Prepared by C.H.

Verified by E.L.H.

8—486

NOTES

Shortly after noon there were several thunderstorms. A heavy rain commenced falling at 12:18 p.m. with thunder heard two minutes later. After nearly a half an hour the rain ended but commenced again at 1:15 p.m. with thunder being heard at 1:47 p.m.

After the rain it became cool and there were broken clouds visible. The brighter stars were visible in the late evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Saturday, (Date) July 28, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	56	57	59	60	63	64	65	68	68	69	71	71	72	71	70	68	64	62	60	58	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			→ Pt Cldy			× Cloudy					× Pt Cldy			× Clear					→
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.6	0.9	0.9 0.1	0.03 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	8	7	5	6	6	5	8	13	15	14	14	13	11	12	11	11	10	9	10	7	8	8	8	6

Sunrise: Time, 4:33 Character, Cloudy
Moonrise:
Sunset: Time, 7:02 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

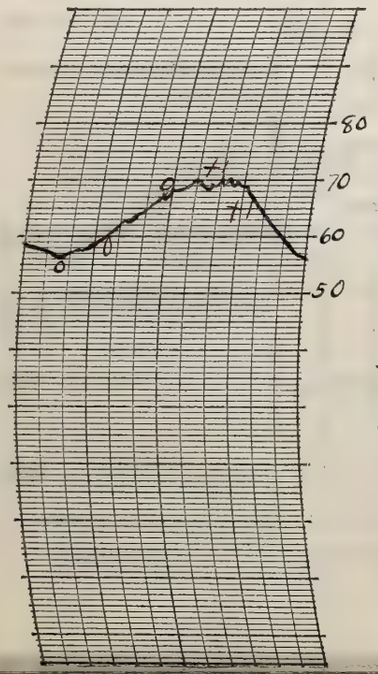
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	56	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 72
Prevailing wind direction, NW Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 9:34 a.m.
Reduced barometer, 29.97 7 a. m, 30.08 7 p. m.
River gage, 1.7 feet
Relative humidity, 86 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.9 Wet temperature, 60.0
Dew-point, 55 R. humidity, 63 V. pressure, .432
Clouds: Amount, 8; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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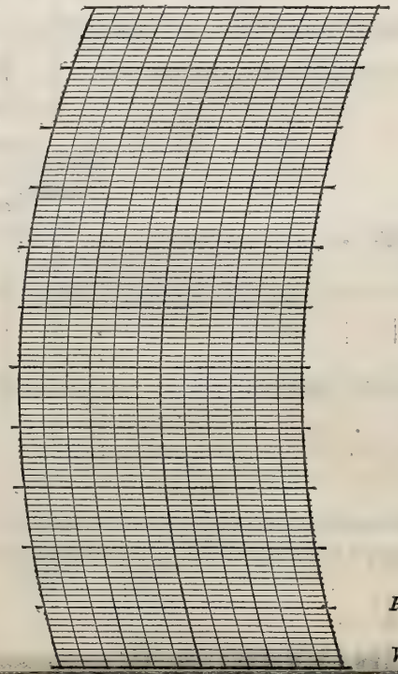
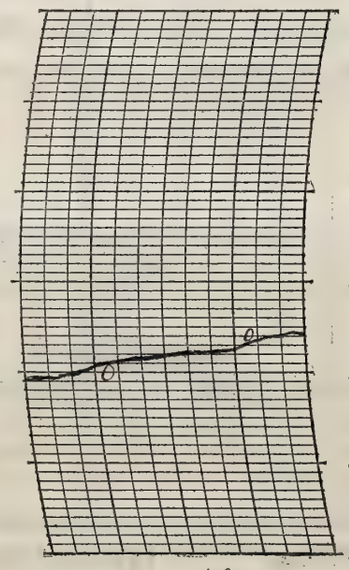


BAROGRAPH.



Prepared by CH.
Verified by E.L.H.

NOTES

Partly cloudy day - Clear at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) July 29, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	51	53	56	62	66	68	69	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Part Cloudy				X		Clear	
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	5	5	3	5	4	5	4	5	7	7	7	6

Sunrise: Time, 4:34 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	73	74	74	74	74	72	70	68	66	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X Pt Cldy		X			Clear		→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.02 0				
Wind direction	N	N	N	NW	N	N	NW	NW	NW	NW	NW	N
Wind movement	7	7	7	7	6	4	3	2	2	1	1	0

Sunset: Time, 7:01 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	51	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 13.4 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 93

Prevailing wind direction, N Total wind, 110

Average hourly velocity, 4.6 Extreme velocity, 10

Maximum velocity, 10 Direction, N

Time began, 1:47 p m

Reduced barometer, 30.24 7 a. m. 30.22 7 p. m.

River gage, 1.6 feet

Relative humidity, 74 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

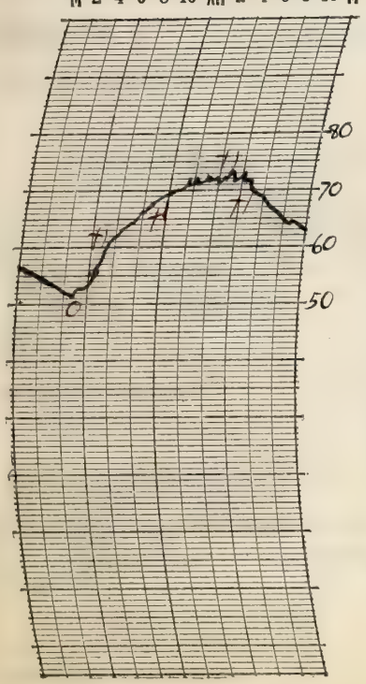
Dry temperature, 70.2 Wet temperature, 55.2

Dew-point, 42 R. humidity, 37 V. pressure, .266

Clouds: Amount, Few; Kind, a cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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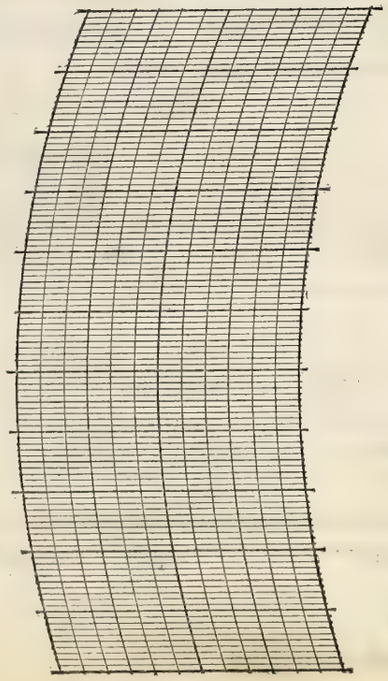
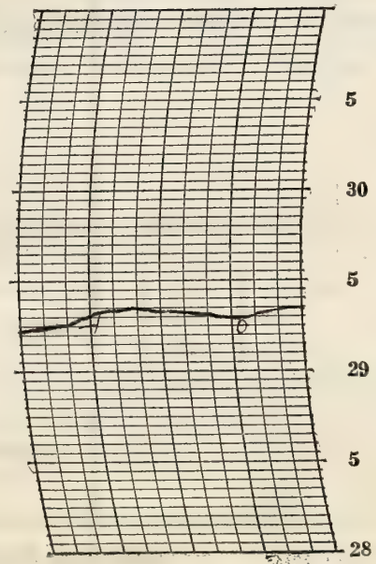


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A partly cloudy pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) July 30, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	57	56	55	56	63	67	70	72	75	75	78	78	79	80	78	77	75	72	69	68	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear											→
Sunrise: Time, 4:35 Character, Clear																					Sunset: Time, 7:00 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.42 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	NW	NW	NW	N	N	N	NE	E	E	E	SW	SW	SW	S	SW	W	SW	SW	SW	S	S	S	S	S
Wind movement	2	1	2	3	2	1	3	2	3	3	4	6	4	6	5	5	5	6	5	5	5	5	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

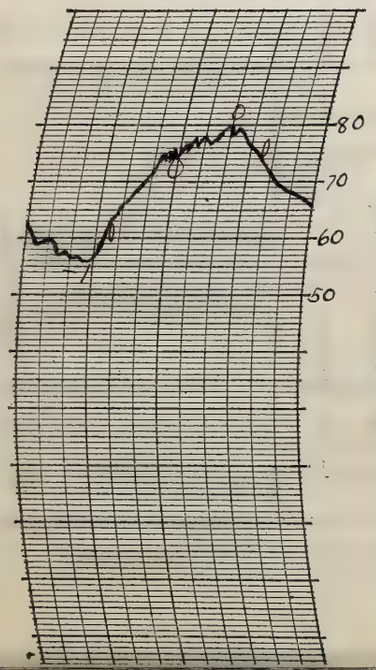
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.3 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 92
Prevailing wind direction, SW Total wind, 97
Average hourly velocity, 4.0 Extreme velocity, 11
Maximum velocity, 11 Direction, S
Time began, 1:48 pm.
Reduced barometer, 30.30 7 a. m. 30.18 7 p. m.
River gage, 1.9 feet
Relative humidity, 61 7 a. m. 48 7 p. m.

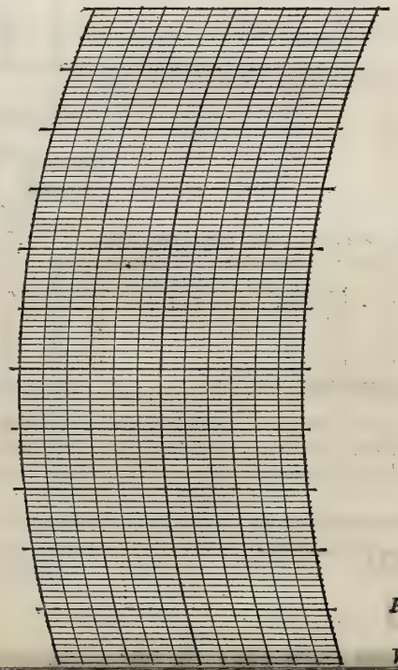
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.4 Wet temperature, 60.9
Dew-point, 51 R. humidity, 43 V. pressure, .373
Clouds: Amount, 2; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

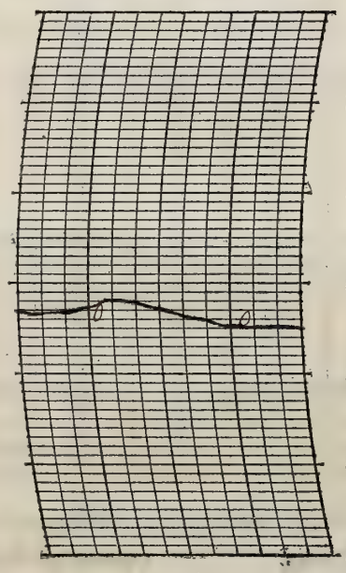
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by EJH

NOTES

It was clear all day with the stars shining brightly in the evening. Temperatures still remain below normal but it was warmer than yesterday. A light wind prevailed during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Tuesday~~, (Date) July 31, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	61	62	66	70	74	77	79	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					× Pt Cldy		
Sunrise: Time, Character,	4:36 Clear											
Moonrise:												
Sunshine (in tenths of hours)					0.40 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	7	5	6	6	7	6	8	11	12	14	13	11
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	76	79	77	72	69	69	69	69	69	69	69
State of weather: Nature of precipitation and time of beginning and ending		RB 1:10p RE 1:40p										RB DNP RE DNP
Amounts of precipitation		T										0.3
Cloudiness and other conditions	Cloudy		× Pt Cldy					Cloudy				→
Sunrise: Time, Character,									Sunset: Time, Character, 6:59 Cloudy			
Moonrise:												
Sunshine (in tenths of hours)	0.7	0.3	1.0	1.0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	9	10	14	16	8	8	8	8	9	9	6
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

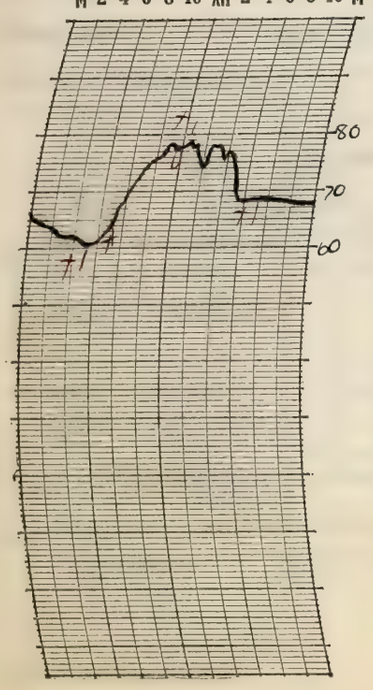
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.4 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 224
Average hourly velocity, 9.3 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 4:25 p.m.
Reduced barometer, 30.10.7 a. m. 30.00.7 p. m.
River gage, 1.6 feet
Relative humidity, 67 a. m. 90 p. m.

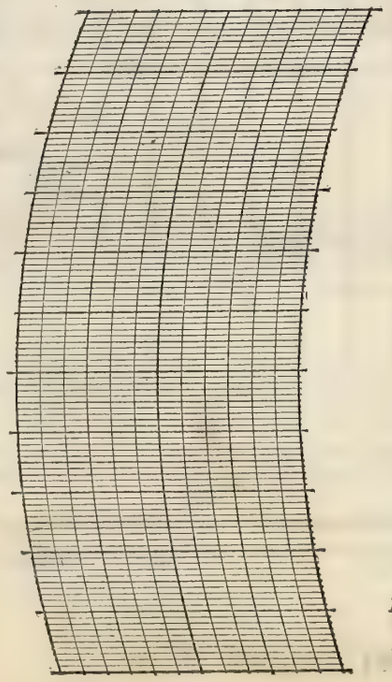
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 66.8
Dew-point, 60 R. humidity, 55 V. pressure, .517
Clouds: Amount, 10; Kind, strat; Direction, SW
Velocity of clouds (miles per hour)

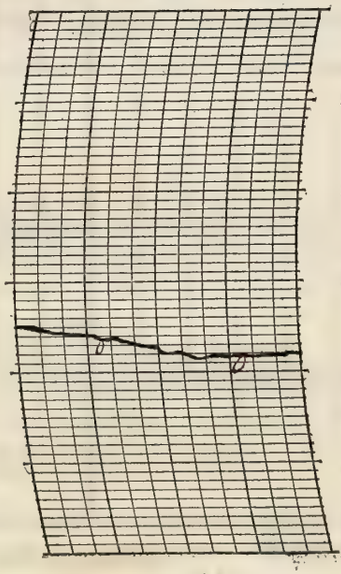
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—436

NOTES

Although the temperatures continue below normal it was slightly warmer than yesterday. The day as a whole was partly cloudy with periods of cloudiness during most of the afternoon and evening. A light rain fell between 1:10 p.m. and 1:40 p.m. commencing with a few drops and then a steady downpour which gradually dwindled away. Another rain fell in the late evening commencing close to 11:30 p and ending before midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Wednesday, (Date) August 1, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	66	66	67	70	74	77	79	81	83	84	84	86	85	85	84	83	79	77	76	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Part Cloudy								×		Clear					→
Sunrise: Time, 4:37 Character, Cloudy																					Sunset: Time, 6:57 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95 0					
Wind direction	SW	SW	W	W	W	W	SW	SW	SW	W	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	6	7	5	5	4	4	8	9	10	7	7	6	6	8	7	7	7	7	7	7	6	8	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

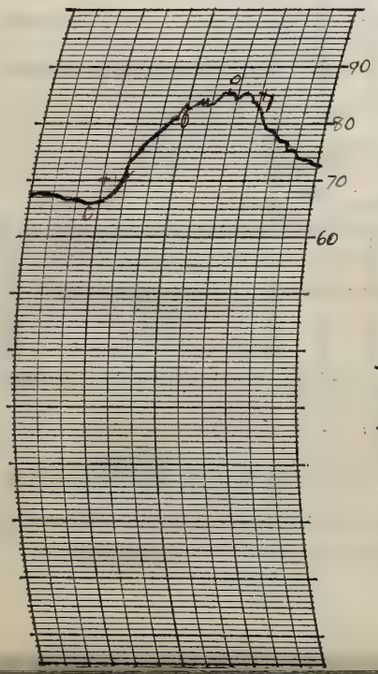
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 7:40 am
Reduced barometer, 30.02 7 a. m. 29.96 7 p. m.
River gage, 1.5 feet
Relative humidity, 86 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.2 Wet temperature, 72.9
Dew-point, 69 R. humidity, 61 V. pressure, .707
Clouds: Amount, 4; Kind, cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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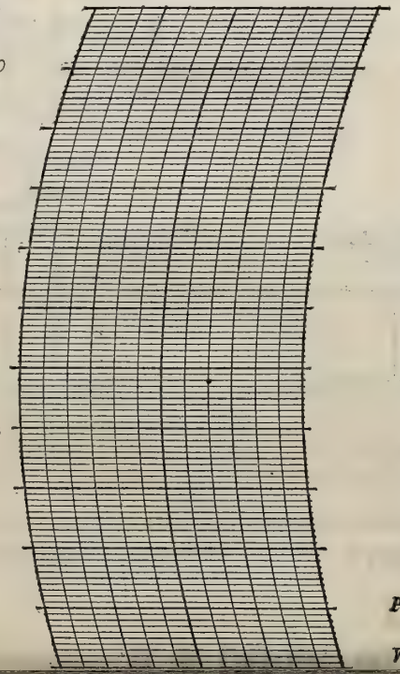
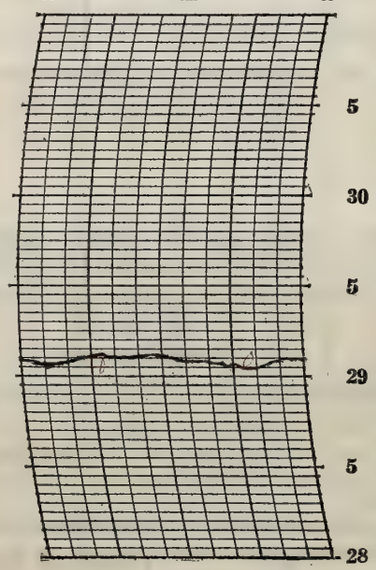


BAROGRAPH.



Prepared by CH.

Verified by E. H

NOTES

A very pleasant day. It was partly cloudy most of the day becoming clear several hours before sunset. The brighter stars were observed in the evening. Temperatures were close to normal with gentle to light westerly winds prevailing.

The river still continues to fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 2, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	69	69	71	74	78	83	86	88	89	90	91	92	91	89	87	85	82	81	80	78	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy					× Clear	× Pt Cldy	×	Clear ×				Pt Cldy			×	Clear →			
Sunshine (in tenths of hours)					0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	6	5	8	7	7	7	8	10	11	12	12	13	15	14	12	13	10	10	11	11	9	9	8

Sunrise: Time, 4.38 Character, Cloudy
Moonrise:
Sunset: Time, 6.56 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

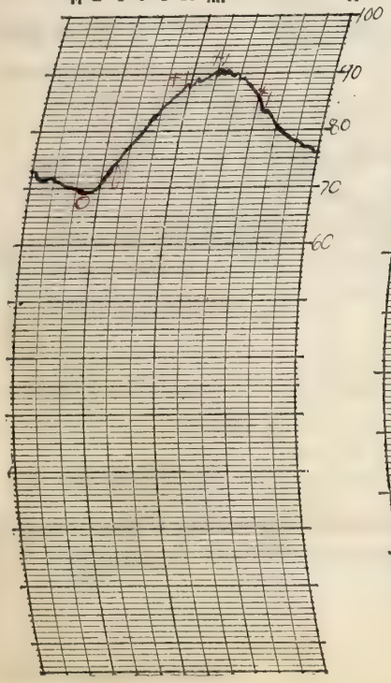
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.8 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind, 232
Average hourly velocity, 9.7 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 4.04 p.m.
Reduced barometer, 30.02 7 a. m. 29.90 7 p. m.
River gage, 1.3 feet
Relative humidity, 88 7 a. m. 64 7 p. m.

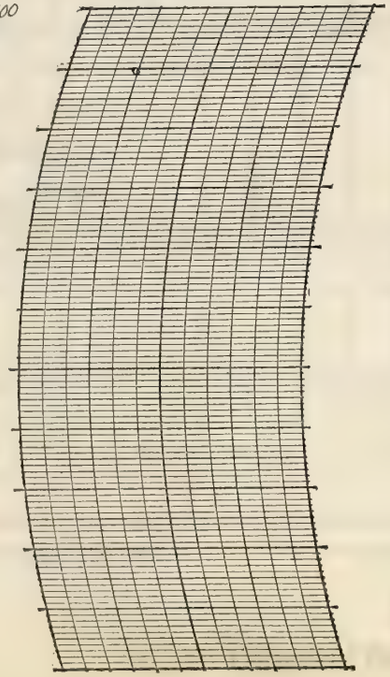
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.9 Wet temperature, 75.2
Dew-point, 70 R. humidity, 53 V. pressure, 732
Clouds: Amount, 5 SW; Kind, ; Direction, SW
Velocity of clouds (miles per hour)

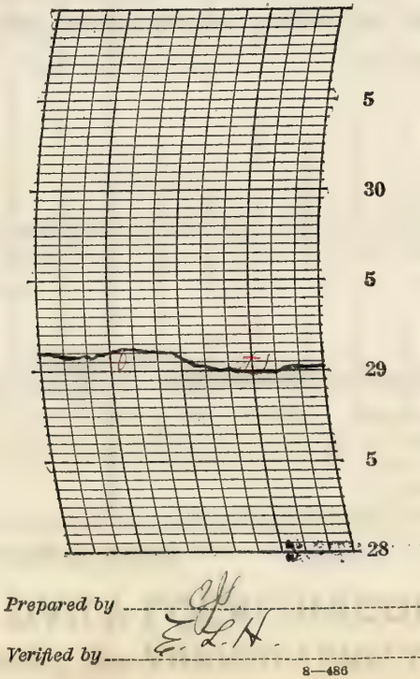
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

As a whole the day was partly cloudy. A light to moderate wind blew from the south west while temperatures rose to the highest point of this year (to date) and continued quite warm into the evening. The brighter stars were visible in the evening especially in the later part when it cleared up.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Friday, (Date) August 3, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	75	74	74	74	78	80	83	86	88	89
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Part							
Sunshine (in tenths of hours)					0.35 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	11	9	8	8	10	13	14	13	13	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	92	91	91	90	88	85	83	81	76	75	75
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy →						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	N	S
Wind movement	13	13	16	14	12	10	8	7	8	9	1	4

State of weather.

Sunrise: Time, 4:39 Character, Clear

Moonrise:

Sunset: Time, 6:55 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	74	83	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 91

Prevailing wind direction, SW Total wind, 244

Average hourly velocity, 10.2 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 2:56 p.m.

Reduced barometer, 29.94 7 a. m. 29.89 7 p. m.

River gage, 1.2 feet

Relative humidity, 78 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

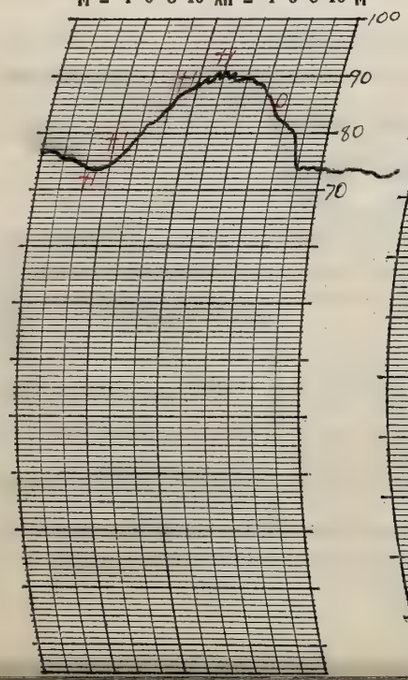
Dry temperature, 88.8 Wet temperature, 76.0

Dew-point, 71 R. humidity, 56 V. pressure, .757

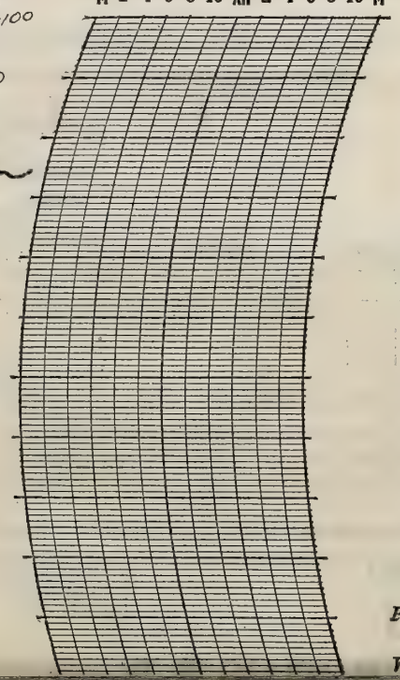
Clouds: Amount, 4; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

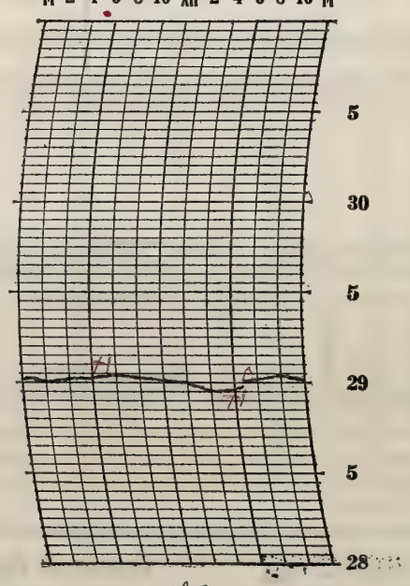
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

Temperatures continued to remain close to yesterday's, however being warmer as an average now for hour. It was partly cloudy during the day with a southwesterly wind prevailing except in the late evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) August 4, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	75	74	74	74	76	79	82	83	85	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				Pt	Cldy		
Sunshine (in tenths of hours)					0.33 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	10	8	8	7	10	10	10	10	11	10

Sunrise: Time, 4:40 Character, Clear. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	90	86	76	71	71	71	70	70	71	71	71
State of weather: Nature of precipitation and time of beginning and ending				RB 3:50		RE 5:30				RE 7:57 RE 10:00		RB DNP RE DNP
Amounts of precipitation				.02	.17	.03				T		T
Cloudiness and other conditions			←		Cldy							→
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0	0					
Wind direction	SW	SW	SW	W	SW	S	S	SW	SW	SW	SW	SW
Wind movement	11	13	12	14	8	7	7	9	7	7	7	9

Sunset: Time, 6:54 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 3:55 P 25 W

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

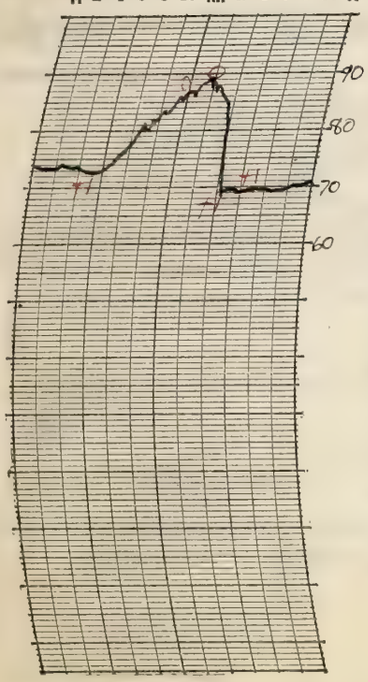
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.7 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 68
Prevailing wind direction, SW Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 26
Maximum velocity, 25 Direction, W
Time began, 3:55 p.m.
Reduced barometer, 29.92 7 a. m. 29.89 7 p. m.
River gage, 1.2 feet
Relative humidity, 84 7 a. m. 94 7 p. m.

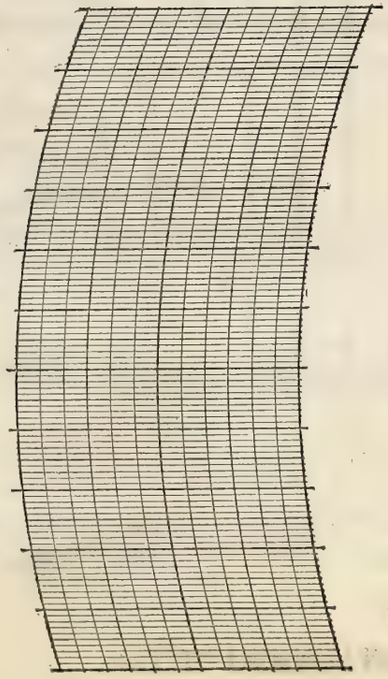
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 86.8 Wet temperature, 74.8
Dew-point, 70 R. humidity, 58 V. pressure, .732
Clouds: Amount, 4; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

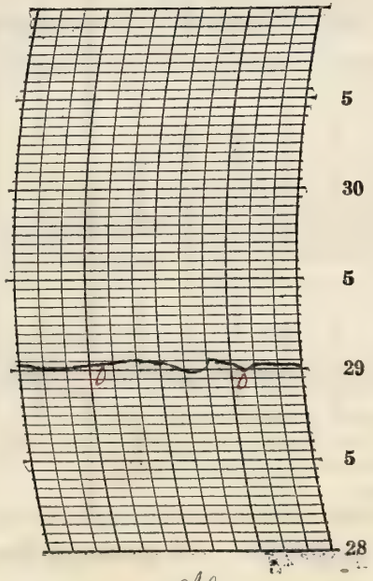
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E. L. H.

8—486

NOTES

It gradually became cloudy during the day with a rain. Some light sprinkles fell in the late evening. Thunder was first heard at 3:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) August 5, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	71	71	71	70	72	73	73	73	75	76	74
State of weather: Nature of precipitation and time of beginning and ending			RB DN2		RE DN2			RB 7:10	RE 8:40		RB 10:47	
Amounts of precipitation			T	.03	T			.03	.02		T	.30
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	W
Wind movement	6	7	8	4	4	3	5	5	5	5	5	5

	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	77	77	79	79	77	76	73	71	70	69	69
State of weather: Nature of precipitation and time of beginning and ending	RE 12:09	RB 1:30	RE 2:30									
Amounts of precipitation	.01	.11	.16									
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.8	0.4	0.3	1.0	1.0	0	0					
Wind direction	W	W	W	NW	NW	NW	N	NE	NE	NE	NE	NE
Wind movement	5	9	6	7	8	7	5	6	6	6	5	6

Cloudy

Sunrise: Time, 4:41 Character, Cloudy

Moonrise:

Sunset: Time, 6:53 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	69	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .63 ins.

Total precipitation, midnight to midnight, .66 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 3.9 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 27

Prevailing wind direction, SW Total wind, 138

Average hourly velocity, 5.8 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 1:34 p.m.

Reduced barometer, 29.83 7 a. m. 29.28 7 p. m.

River gage, 1.3 feet

Relative humidity, 91 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

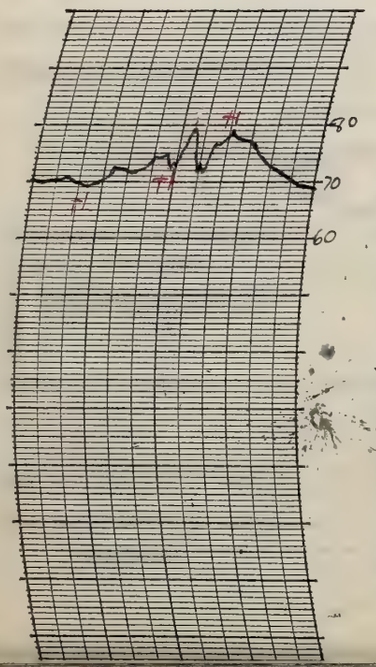
Dry temperature, 73.9 Wet temperature, 70.8

Dew-point, 70 R. humidity, 86 V. pressure, .732

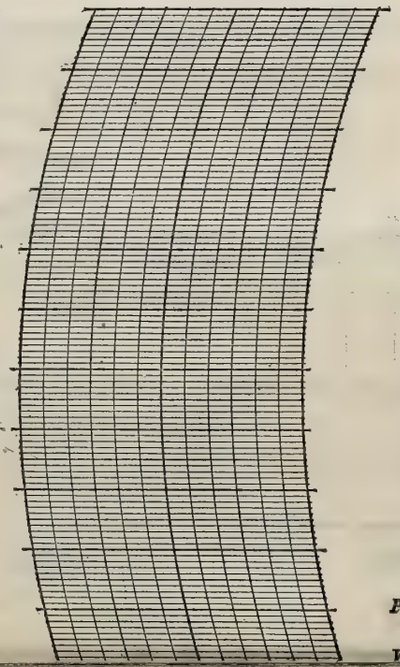
Clouds: Amount, 10; Kind, st cu; Direction, SW

Velocity of clouds (miles per hour)

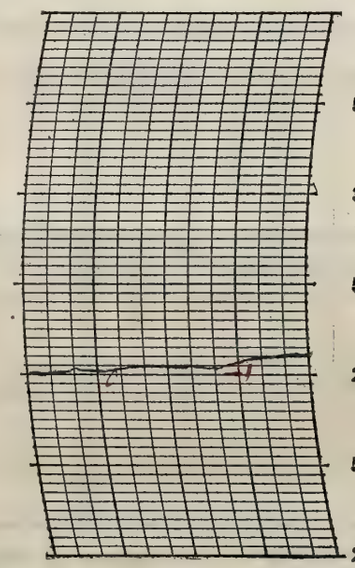
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by E.L.H.

NOTES

Showers fell at intervals during the morning and early afternoon. Thunder heard 10:50 a.m. and again at 1:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) August 6, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	67	66	67	69	70	73	74	76	77	79	82	83	83	82	82	80	77	75	75	73	71
State of weather: Nature of precipitation and time of beginning and ending		RB DN RE DN																						
Amounts of precipitation		T																						
Cloudiness and other conditions					← Part Cloudy												→	Clear						
Sunshine (in tenths of hours)					0	0	0.3	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NW	N	NW	NW	NW	N	N	E	E	E	E	S
Wind movement	5	4	4	5	4	4	4	4	3	3	3	3	3	5	3	5	4	3	2	2	3	1	1	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:42 Character, Cloudy
Moonrise:
Sunset: Time, 6:52 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

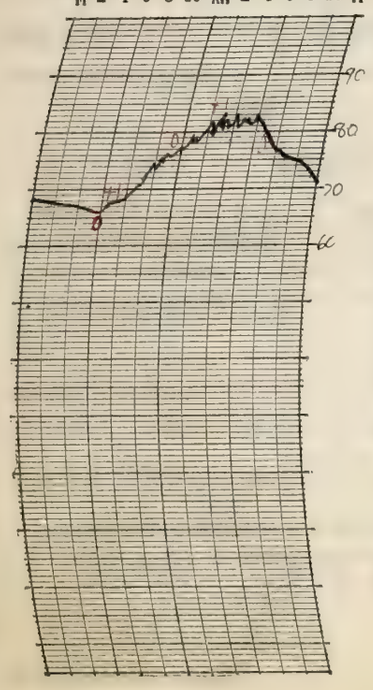
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	66	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.3 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 73
Prevailing wind direction, NE & E Total wind, 82
Average hourly velocity, 3.4 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 3:02 p.m.
Reduced barometer, 30.07 7 a. m. 30.06 7 p. m.
River gage, 2.3 fall
Relative humidity, 82 7 a. m. 62 7 p. m.

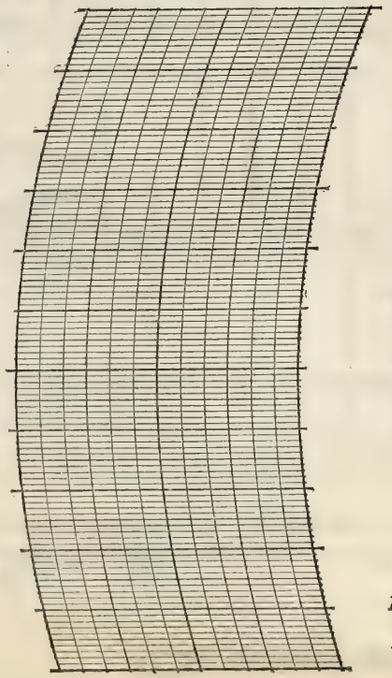
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 71.4 Wet temperature, 68.2
Dew-point, 64 R. humidity, 63 V. pressure, .595
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

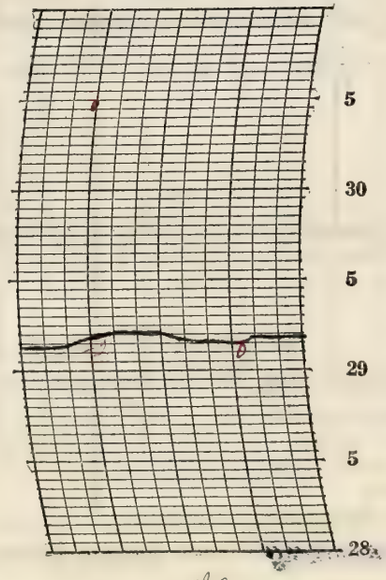
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH
Verified by E. L. H.

8—486

NOTES

The stars shone brightly in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Tuesday, (Date) August 7, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	68	68	70	72	78	80	83	84	83	86	87	88	90	90	88	84	81	79	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						Pt Cldy	→ Cldy →			Part Cloudy						→ Clear →			
Sunrise: Time, 4:43 Character, Clear																					Sunset: Time, 6:51 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.2 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.7	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	W	W	W	W	W	SW	W
Wind movement	4	2	3	1	1	2	3	4	4	6	6	7	5	6	4	5	5	4	5	3	3	4	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	68	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind, 96
Average hourly velocity, 4.0 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 9:14 a.m.
Reduced barometer, 30.08 7 a. m. 30.00 7 p. m.
River gage, 1.6 feet
Relative humidity, 84 7 a. m. 64 7 p. m.

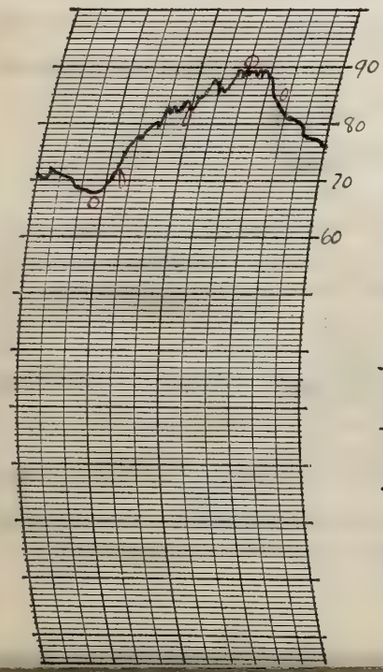
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.1 Wet temperature, 70.9
Dew-point, 65 R. humidity, 55 V. pressure, .616
Clouds: Amount, 8 Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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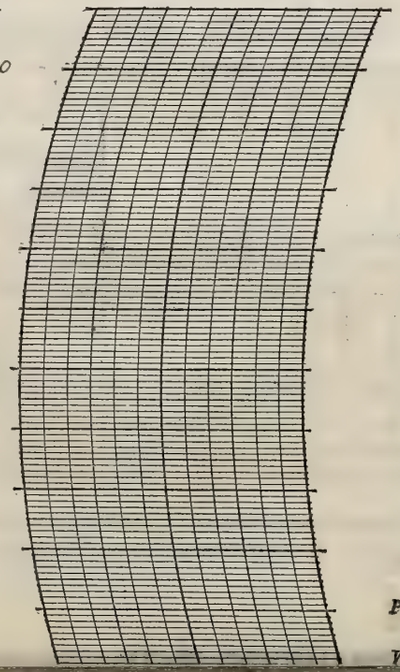
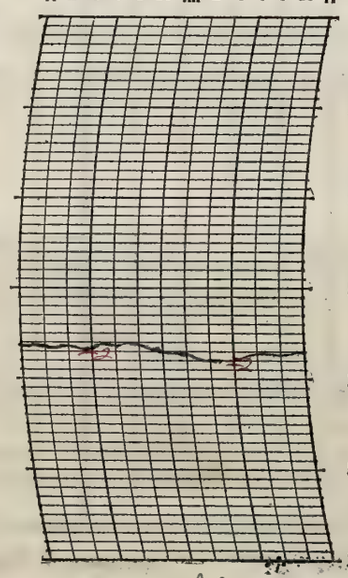


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

The stars shone brightly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 8, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	72	71	72	74	80	85	89	91	88
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					0.27 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	NW	W	W
Wind movement	3	4	5	5	3	2	3	2	3	4	3	4

Sunrise: Time, 4:44 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	93	93	89	84	83	82	81	78	76	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×	Pt Cloudy				×		Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	W	W	W	W	W	NW	NW	NW	NW	SW	SW	SW
Wind movement	5	6	7	5	7	4	4	2	2	3	3	3

Sunset: Time, 6:49 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.5 Possible sunshine, hours, 14.1

Per cent of possible sunshine, 74

Prevailing wind direction, W Total wind, 92

Average hourly velocity, 3.9 Extreme velocity, 9

Maximum velocity, 9 Direction, N

Time began, 4:49 p.m.

Reduced barometer, 30.06 7 a. m. 30.00 7 p. m.

River gage, 1.7 feet

Relative humidity, 84 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

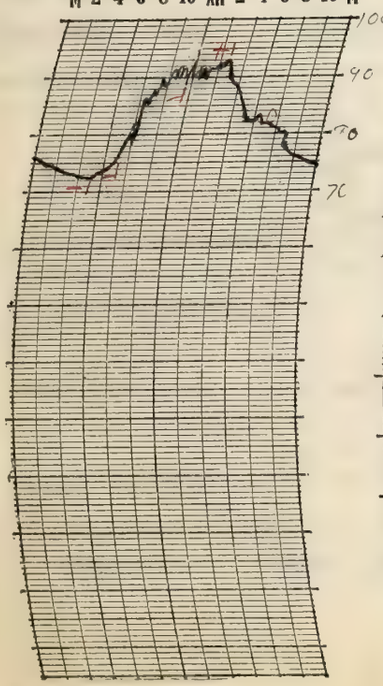
Dry temperature, 87.9 Wet temperature, 73.9

Dew-point, 68 R. humidity, 52 V. pressure, .684

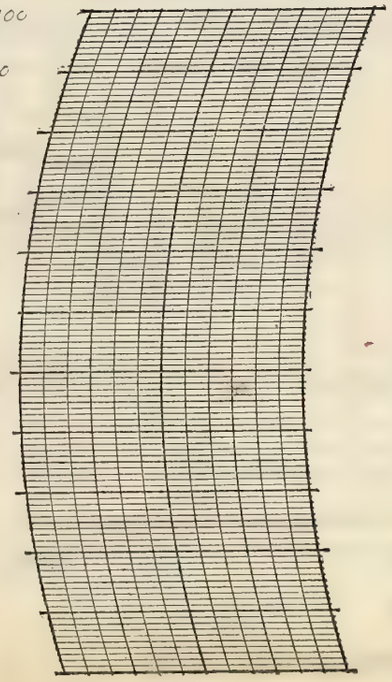
Clouds: Amount, 2; Kind, cu.; Direction, SW

Velocity of clouds (miles per hour)

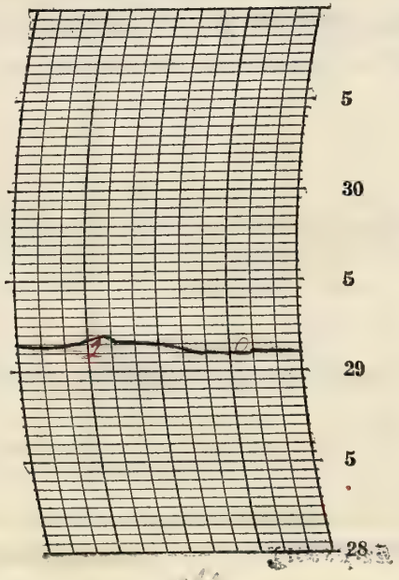
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CW

Verified by E. L. H.

8—486

NOTES

During the evening the stars shone brightly

It was smoky during the early morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 9, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	71	71	68	76	81	86	87	88	89	91	93	92	80	77	78	76	75	75	73	72	72
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:20 RE 4:30							
Amounts of precipitation																	T							
Cloudiness and other conditions					←			Clear						×			Part Cloudy							→
Sunrise: Time, 4:44 Character, Clear																					Sunset: Time, 6:48 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.27 0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NE	N	NW	NW	NW	W	SE	S	SW
Wind movement	5	4	4	3	4	3	2	3	4	6	8	9	9	10	10	12	12	5	4	3	3	3	6	4
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	71	82	

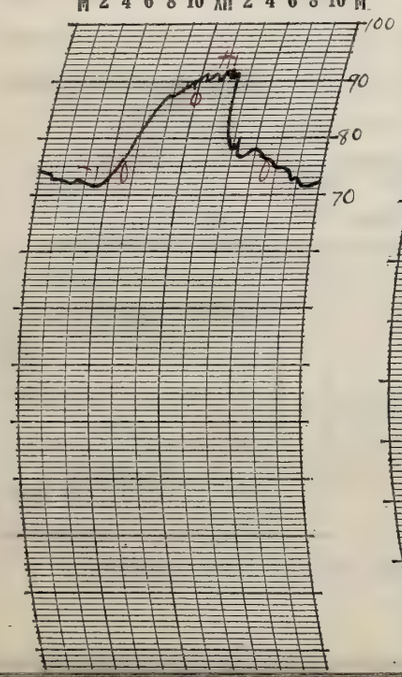
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, ~~4.6~~ 7.8 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 7~~8~~2
Prevailing wind direction, SW Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 21
Maximum velocity, 20 Direction, NE
Time began, 3:47 pm.
Reduced barometer, 29.98 7 a. m. 29.90 7 p. m.
River gage, 1.9 feet
Relative humidity, 76 7 a. m. 65 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

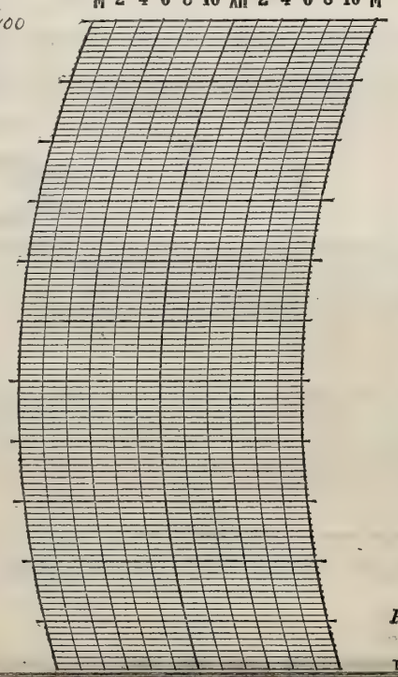
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.7 Wet temperature, 73.9
Dew-point, 67 R. humidity, 50 V. pressure,
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

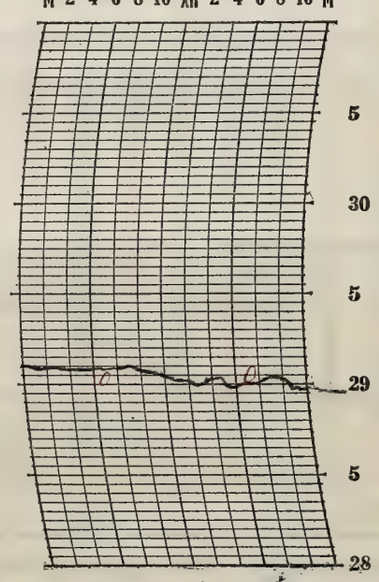
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.
Verified by E.L.H.

NOTES

The stars shone brightly between the scattered clouds.
A thundershower occurred in the late afternoon between 4:20 p.m. and 4:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind; , (Day of week) Friday , (Date) August 10 , 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	67	66	68	71	71	69	70	73	76	79
Nature of precipitation and time of beginning and ending					RB 4:10 RE 4:20			RB 7:20		RE 9:45		
Amounts of precipitation					T			.03	T	T		
Cloudiness and other conditions					← Cloudy					→ Pt Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0.4	1.0
Wind direction	NW	W	SW	SW	N	NW	NW	NW	NW	SW	NE	NE
Wind movement	3	3	3	4	4	7	8	7	5	8	6	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	88	87	84	83	81	76	74	73	71	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						→ Cloudy		→ Pt Cloudy		→		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3	0.7	0					
Wind direction	NE	N	N	W	W	NW	N	N	N	N	N	NE
Wind movement	3	5	4	5	6	7	6	7	5	3	5	6

Sunrise: Time, 4:45 Character, Cloudy

Moonrise:

Sunset: Time, 6:47 Character, Cloudy

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	66	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.5 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 46

Prevailing wind direction, N Total wind, 124

Average hourly velocity, 5.2 Extreme velocity, 15

Maximum velocity, 14 Direction, N

Time began, 6:53 p.m.

Reduced barometer, 29.82 7 a. m, 29.83 7 p. m.

River gage, 1.7 feet

Relative humidity, 79 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

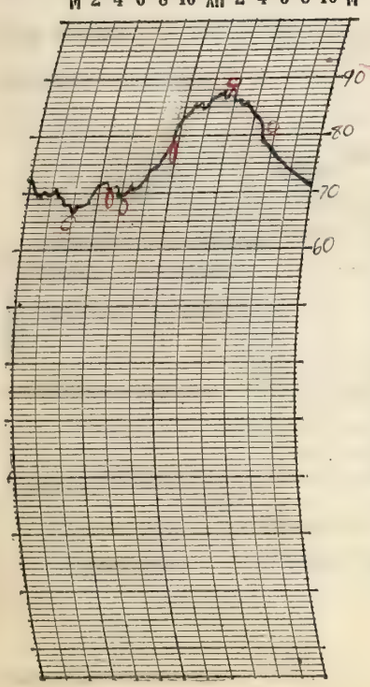
Dry temperature, 78.9 Wet temperature, 68.2

Dew-point, 62 R. humidity, 58 V. pressure, .55

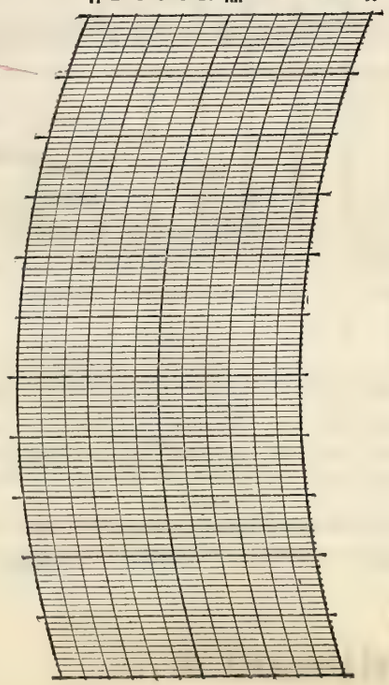
Clouds: Amount, Sun; Kind, Cu; Direction, SE

Velocity of clouds (miles per hour)

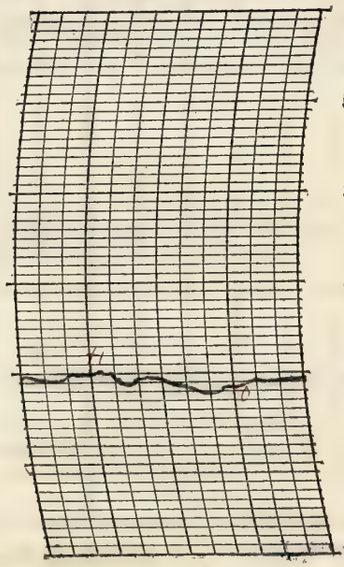
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E. L. H.

8—486

NOTES

The stars shone brightly where they were visible. R 7:20 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) August 11, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	66	66	67	69	68	68	70	74	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy					Pt Cldy		
Sunshine (in tenths of hours)					0	0	0	0	0	0.8	1.0	1.0
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	9	9	10	10	11	11	12	12	14	14	13

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	77	76	75	73	70	6	65	62	60	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.65 0.1					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	14	13	14	13	11	9	10	8	7	7	7

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 4:47 Character, Cloudy

Moonrise:

Sunset: Time, 6:45 Character, Clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.6 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 69

Prevailing wind direction, NE Total wind, 258

Average hourly velocity, 10.8 Extreme velocity, 19

Maximum velocity, 18 Direction, NE

Time began, 8:47 2m

Reduced barometer, 29.86 7a. m. 30.02 7p. m.

River gage, 1.5 feet

Relative humidity, 81 7a. m. 44 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

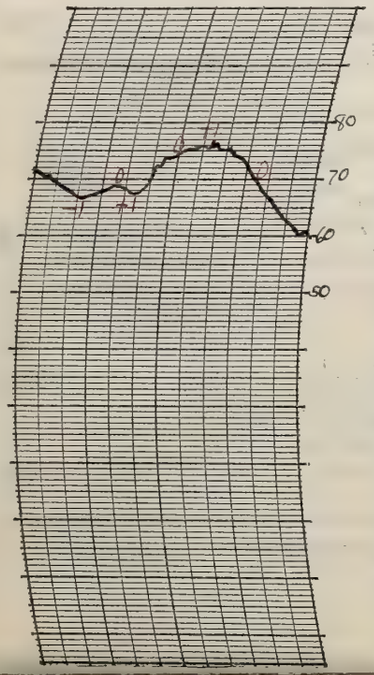
Dry temperature, 74.1 Wet temperature, 62.9

Dew-point, 56 R. humidity, 54 V. pressure, .448

Clouds: Amount, Few; Kind, Cu.; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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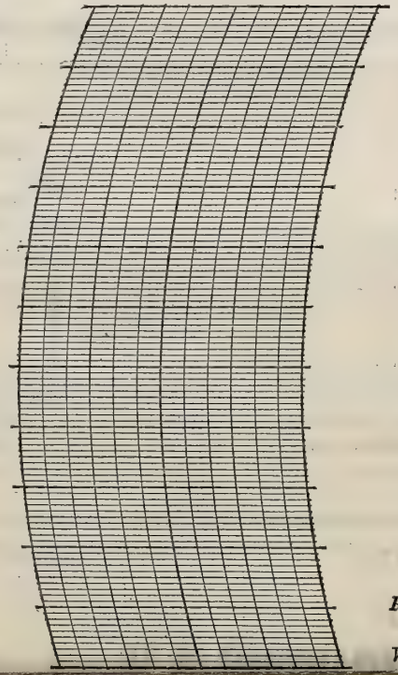
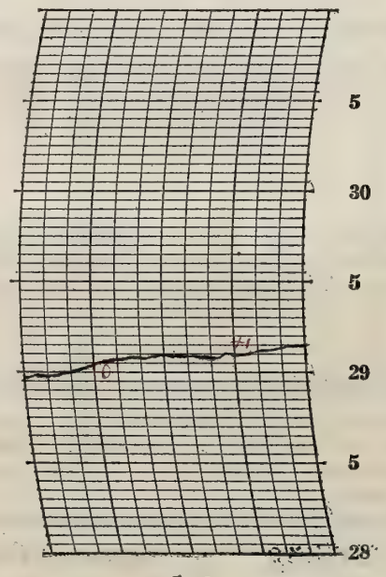


BAROGRAPH.



Prepared by

Verified by

NOTES

The stars shone brightly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) August 12, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	54	54	54	55	60	64	69	70	72	73	75	77	78	79	77	75	71	68	65	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.20 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.73 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	NE	NE	E	E	NE	E	E	E	E	NE	NE
Wind movement	7	7	7	5	6	6	7	6	7	10	12	8	11	9	9	9	8	8	7	7	7	5	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:48 Character, Clear
Moonrise:
Sunset: Time, 6:44 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

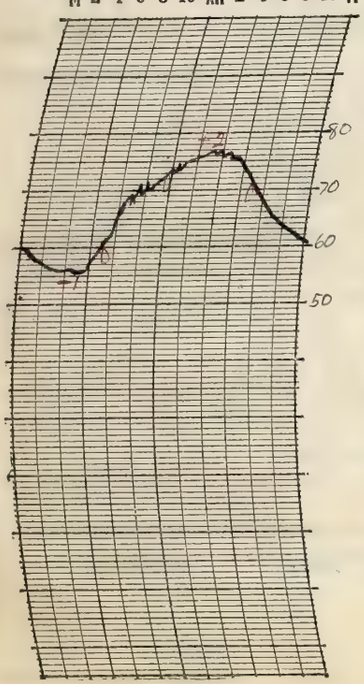
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.9 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 7:42 am
Reduced barometer, 30.13 7 a. m. 30.08 7 p. m.
River gage, 1.3 feet
Relative humidity, 84 7 a. m. 79 7 p. m.

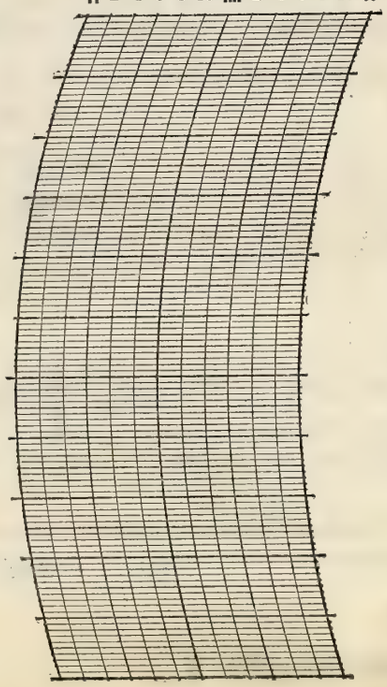
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.9 Wet temperature, 62.0
Dew-point, 55 R. humidity, 54 V. pressure, .432
Clouds: Amount, 2; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

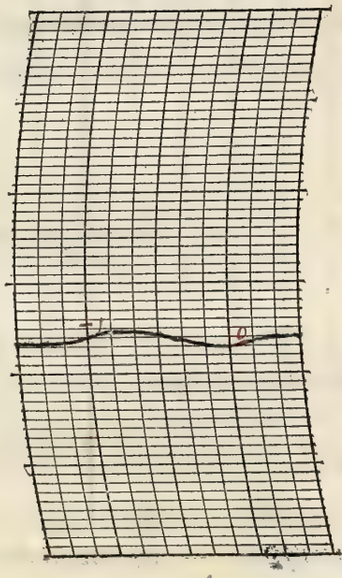
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

The stars were visible during the evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) August 13, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	56	55	56	59	64	69	72	74	76	77	78	78	79	79	79	77	73	69	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.18 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.6 0					
Wind direction	E	E	E	E	E	NE	E	E	E	E	E	NE	E	E	NE	NE	E	SE	E	E	E	E	E	E
Wind movement	5	6	5	4	5	5	4	4	3	6	4	6	6	5	4	4	3	3	3	3	6	6	5	6
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 4:49 Character, Clear
Moonrise:
Sunset: Time, 6:43 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

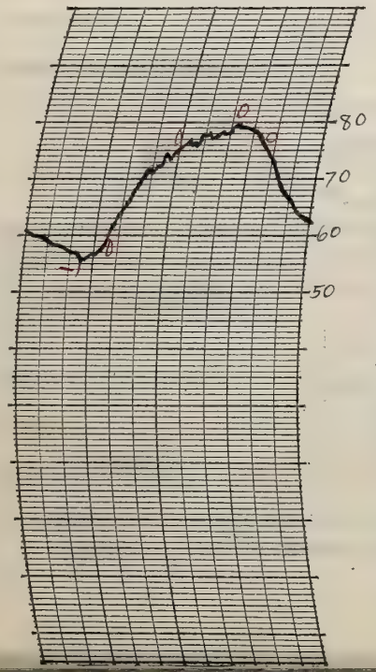
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.8 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 99
Prevailing wind direction, E Total wind, 111
Average hourly velocity, 4.6 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 8:46 pm
Reduced barometer, 30.15 7 a. m. 30.11 7 p. m.
River gage, 1.4 feet
Relative humidity, 80 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 76.2 Wet temperature, 61.8
Dew-point, 52 R. humidity, 44 V. pressure, .387
Clouds: Amount, 2; Kind, cirr.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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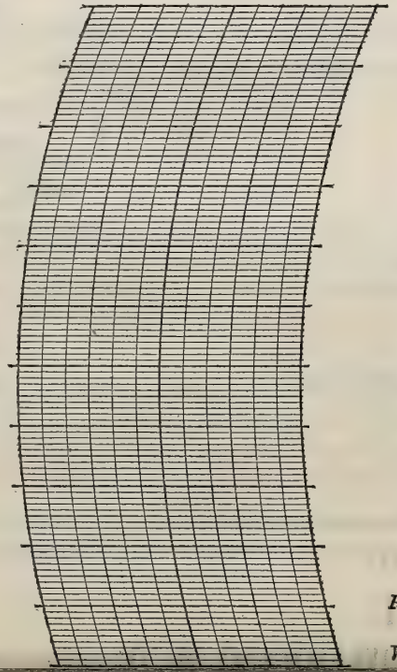
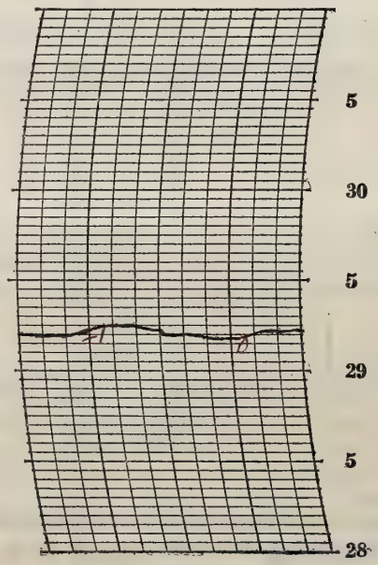


BAROGRAPH.



Prepared by [illegible]
Verified by E. G. H.

NOTES

The stars were visible

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) August 14, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	58	58	58	61	68	74	77	80	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Clear
Sunshine (in tenths of hours)					0.17 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	NE	NE	E	E	E	E	E	E	E	E
Wind movement	5	4	4	3	3	5	5	4	3	4	5	3

Sunrise: Time, 4:50 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	85	87	86	85	83	81	78	74	72	71	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	NE	NE	N	NE	E	SE	SE	E	E	SE	NE	NE
Wind movement	4	4	3	4	3	3	2	4	3	1	3	2

Sunset: Time, 6:41 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	57	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 12.6 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 91

Prevailing wind direction, E Total wind, 84

Average hourly velocity, 3.5 Extreme velocity, 8

Maximum velocity, 8 Direction, E

Time began, 6:31 a.m.

Reduced barometer, 30.16 7 a. m. 30.10 7 p. m.

River gage, 1.3 feet

Relative humidity, 82 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

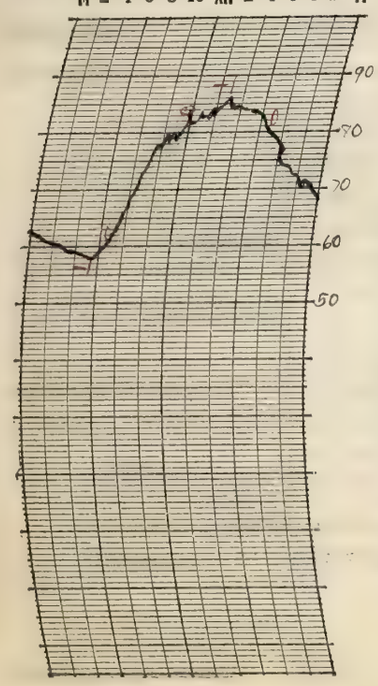
Dry temperature, 82.8 Wet temperature, 65.1

Dew-point, 55 R. humidity, 38 V. pressure, 432

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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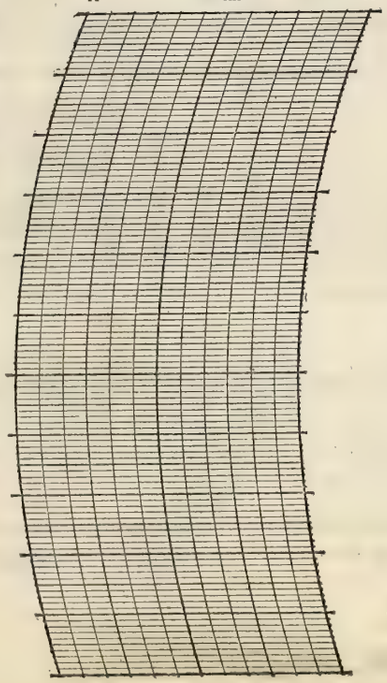

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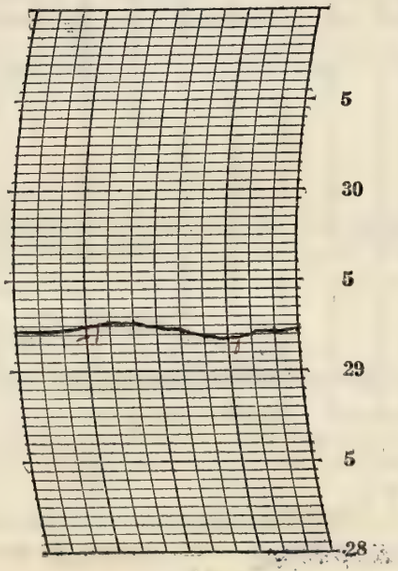


Prepared by C.H.

Verified by E.L.A.

8—486

NOTES

Temperatures were near the seasonal normal. It was clear during the day with some clouds occasional at sunset in the evening. A light easterly wind prevailed. The stars shone brightly in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 15, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	63	62	62	63	67	75	80	84	85	86	88	89	90	91	90	87	86	83	81	79	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear						×						Pt Cldy						→
Sunshine (in tenths of hours)					0.15 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	NE	NE	E	NE	NE	E	E	E	NE	E	E	E	E	S	SE	S	SW	S	SE	SE	S	SW	SW	SW
Wind movement	4	4	2	3	3	3	4	3	3	4	6	5	5	5	4	5	4	2	2	5	6	9	6	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time 4:51, Character Clear. Moonrise:

Sunset: Time 6:40, Character Cloudy. Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

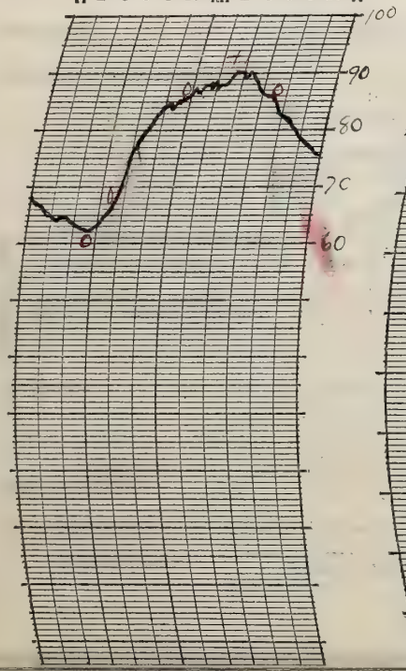
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 88
Prevailing wind direction, E Total wind, 100
Average hourly velocity, 4.2 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 9:40 pm
Reduced barometer, 30.15 7 a. m. 30.07 7 p. m.
River gage, 12 feet
Relative humidity, 85 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 85.8 Wet temperature, 68.1
Dew-point, 58 R. humidity, 40 V. pressure, .482
Clouds: Amount, 6; Kind, Cst; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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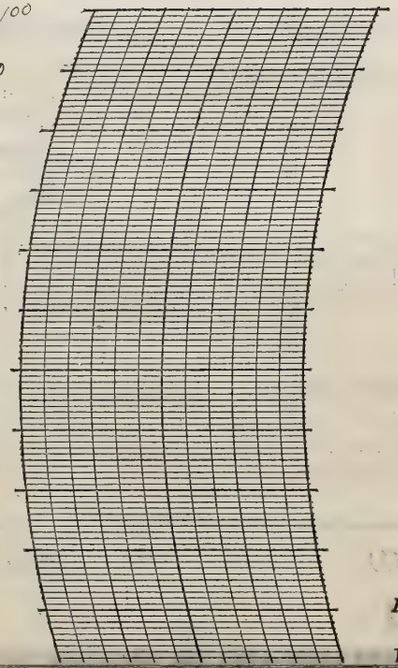
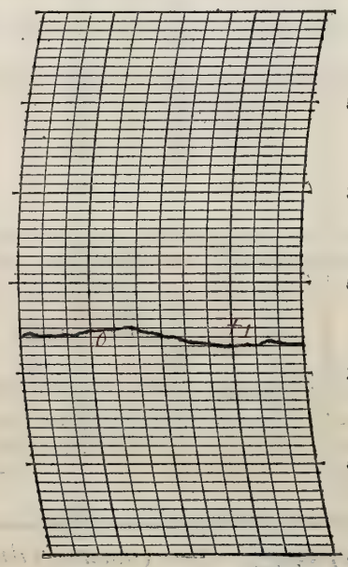


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

It was clear most of the morning becoming partly cloudy towards noon and continuing partly cloudy into the evening. Temperatures were above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 16, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	72	71	70	73	75	79	81	83	84	87	87	88	88	87	87	84	82	81	80	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear								×			Pt Cldy				→
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.7	0					
Wind direction	SE	S	S	S	S	S	SE	E	E	NE	NE	NE	E	E	NE	NE	E	E	SW	SW	SW	SW	SW	SW
Wind movement	5	3	2	1	1	0	2	1	4	4	5	5	4	3	4	3	3	3	6	4	2	2	1	2

Sunrise: Time, 4:52; Character, Cloudy. Moonrise:

Sunset: Time, 6:39; Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.3 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 75

Prevailing wind direction, E SW Total wind, 70

Average hourly velocity, 2.9 Extreme velocity, 7

Maximum velocity, 7 Direction, SE

Time began, 12:48 PM

Reduced barometer, 30.06 7 a. m. 29.90 7 p. m.

River gage, 1.1 feet

Relative humidity, 82 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

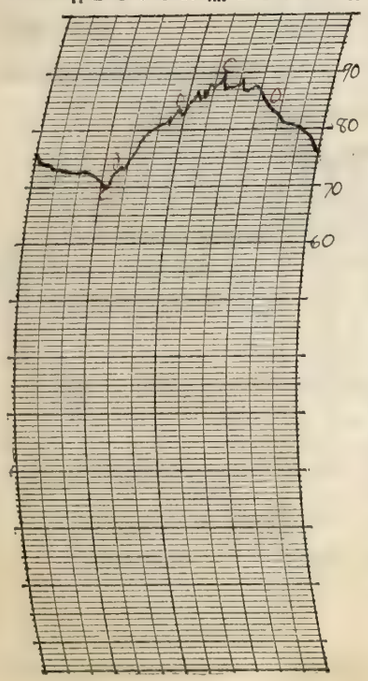
Dry temperature, 83.8 Wet temperature, 71.2

Dew-point, 65 R. humidity, 54 V. pressure, .66

Clouds: Amount, 3; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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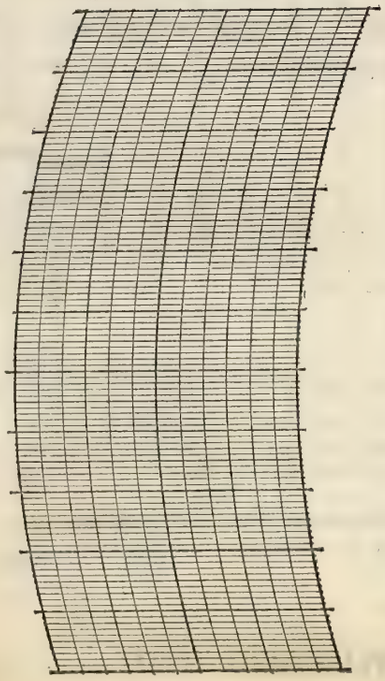
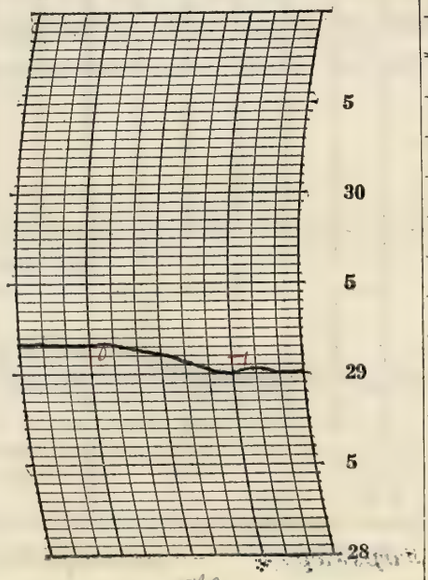


BAROGRAPH.



Prepared by CH

Verified by E.L.A.

8—486

NOTES

Temperatures still continue above normal and it remained quite warm into the evening. Light wind for most of the day. It was clear until shortly after mid-afternoon when it became partly cloudy.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) August 17, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	73	72	71	69	72	75	81	82	78	80
State of weather: Nature of precipitation and time of beginning and ending											RB 10:49	RE 11:10
Amounts of precipitation											.02	T
Cloudiness and other conditions					← Partly Cloudy →							
Sunrise: Time, 4:53 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	0.9	0.8	0.8
Wind direction	SE	S	S	SW	SW	SW	SW	W	W	W	NW	W
Wind movement	1	1	2	3	5	5	6	4	6	10	9	5
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	83	80	79	78	76	74	73	72	71	70
State of weather: Nature of precipitation and time of beginning and ending											RB 10:15 RE 10:20	
Amounts of precipitation											T	
Cloudiness and other conditions					Cloudy →							
Sunset: Time, 6:37 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	0.8	0.9	0.1	0	0	0					
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	8	10	11	10	10	9	7	5	7	6	6
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	69	76	

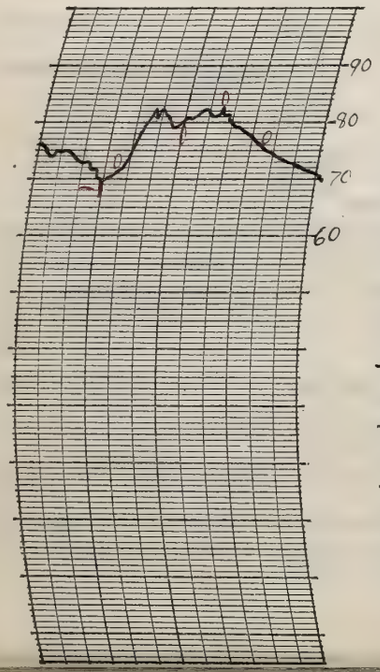
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 8.1 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 59
Prevailing wind direction, NW Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 3:06 p.m.
Reduced barometer, 29.83 7 a. m. 29.80 7 p. m.
River gage, 11 feet
Relative humidity, 84 7 a. m. 76 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 80.2 Wet temperature, 72.4
Dew-point, 69 R. humidity, 68 V. pressure, .707
Clouds: Amount, 10; Kind, strat; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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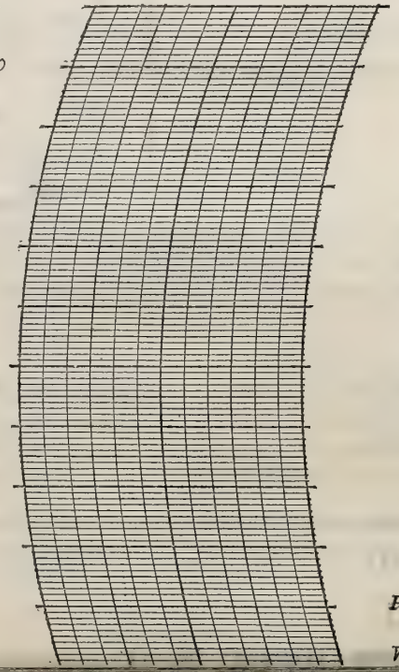
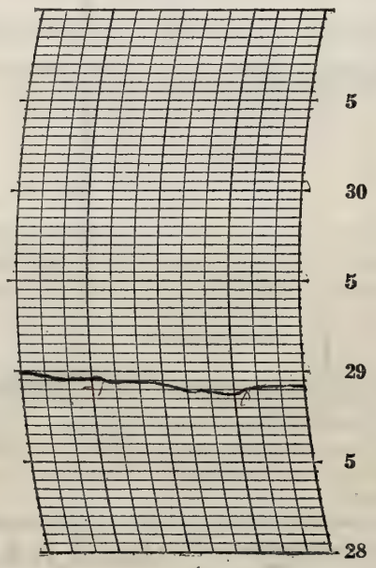


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Some light sprinkles fell during the day: one shortly before noon and another in the late evening. Temperatures still remain above normal although cooler than yesterday. A light to gentle westerly wind prevailed becoming moderate at times. It was partly cloudy in the earlier part of the morning becoming partly cloudy shortly before mid-morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) August 18, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	66	66	67	70	71	73	76	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cldy					×		Part
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.8	1.0	1.0
Wind direction	NW	N	NW	N	N	N	N	NW	N	N	N	NW
Wind movement	6	4	4	4	4	4	5	6	7	6	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	78	77	75	74	71	69	66	65	63	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.6	0.3	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW
Wind movement	7	7	11	10	11	8	7	7	5	5	6	4

Sunrise: Time, 4:54 Character, Cloudy

Moonrise:

Sunset: Time, 6:36 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.6 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 55

Prevailing wind direction, NW Total wind, 150

Average hourly velocity, 6.2 Extreme velocity, 5

Maximum velocity, 14 Direction, N

Time began, 2:43 p.m.

Reduced barometer, 29.88 7 a. m. 29.90 7 p. m.

River gage, 1.1 feet

Relative humidity, 95 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

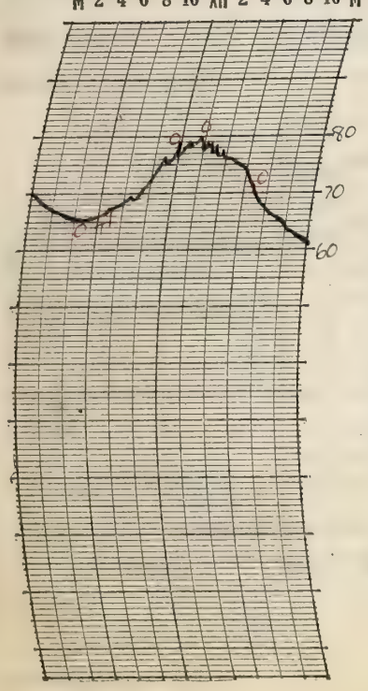
Dry temperature, 78.1 Wet temperature, 66.9

Dew-point, 61 R. humidity, 56 V. pressure, .536

Clouds: Amount, 3; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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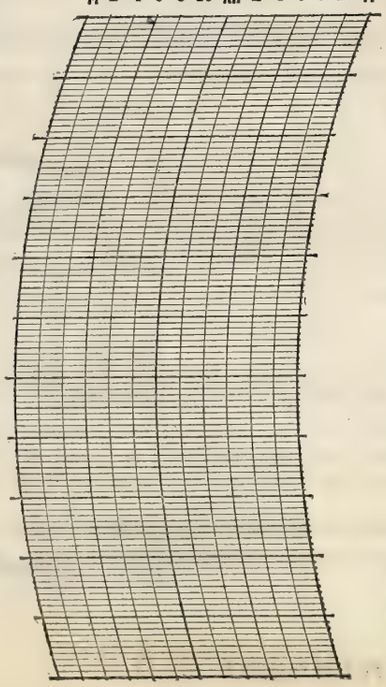
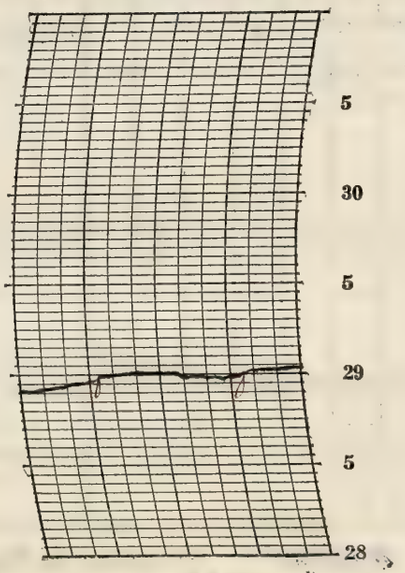


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Temperatures have fallen to close to normal with the day being partly cloudy as a whole except in the earlier portion of the morning. A light to fresh northerly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) August 12, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	57	58	61	69	74	75	78	79	81	83	84	83	82	80	78	75	73	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)					0.08 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.6	0.57 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	NE	E	NE	S	W	SE	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	4	3	3	3	2	3	1	2	4	5	3	5	3	3	5	6	7	4	4	6	2	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:55 Character, Clear
Moonrise:
Sunset: Time, 6:34 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

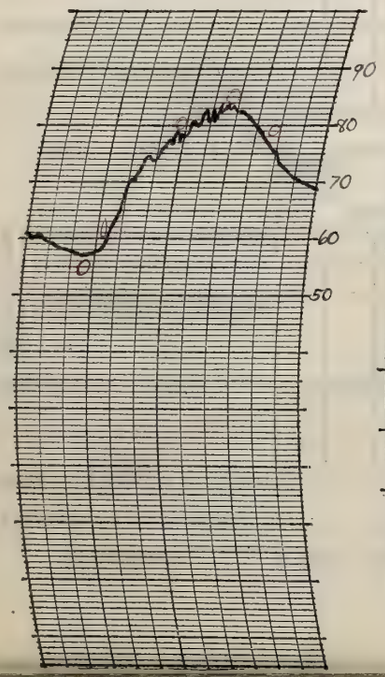
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	57	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW & NW Total wind, 88
Average hourly velocity, 3.2 Extreme velocity, 7
Maximum velocity, 7 Direction, SW
Time began, 5:10 p.m.
Reduced barometer, 30.00 7 a. m. 29.84 7 p. m.
River gage, 1.0 feet
Relative humidity, 88 7 a. m. 49 7 p. m.

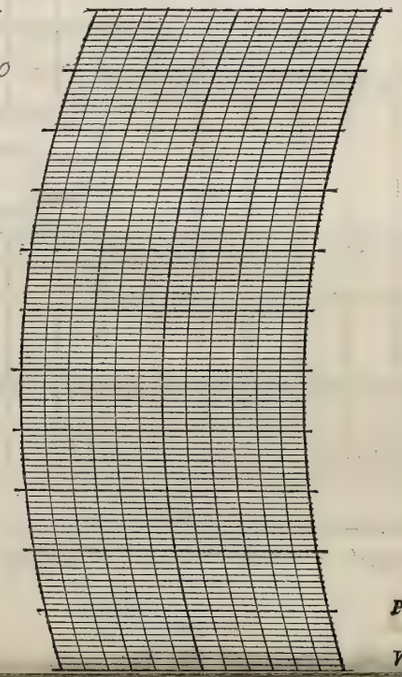
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.8 Wet temperature, 64.3
Dew-point, 56 R. humidity, 45 V. pressure, .448
Clouds: Amount, 1; Kind, Cu; Direction, SE
Velocity of clouds (miles per hour)

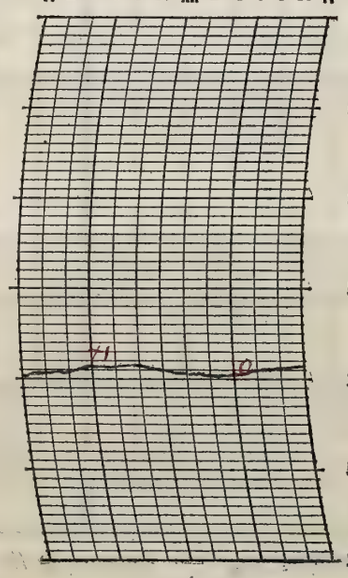
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

It was clear during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) August 20, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	65	65	64	66	68	74	78	81	83	84	85	84	82	81	82	81	79	77	75	75	74	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					→			Pt Cloudy				Cloudy							→
Sunrise: Time, Character,	4:56 Clear																				Sunset: Time, Character,	6:33 Cloudy		
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.07 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0.3	0.1	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW
Wind movement	1	1	3	4	2	3	6	7	8	9	11	10	9	9	10	8	6	7	5	7	9	9	10	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.1 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 67

Prevailing wind direction, SW Total wind, 162

Average hourly velocity, 6.8 Extreme velocity, 15

Maximum velocity, 15 Direction, SW

Time began, 10:32 2 m

Reduced barometer, 30.02 7 a. m. 29.90 7 p. m.

River gage, feet

Relative humidity, 79 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

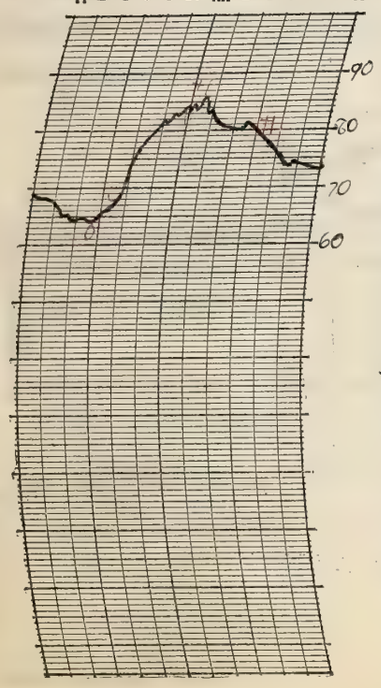
Dry temperature, 83.8 Wet temperature, 68.9

Dew-point, 61 R. humidity, 48 V. pressure, 536

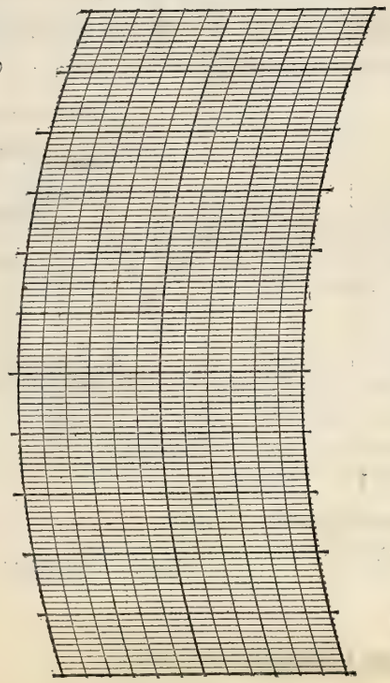
Clouds: Amount, 5; Kind, cu; Direction, SW

Velocity of clouds (miles per hour)

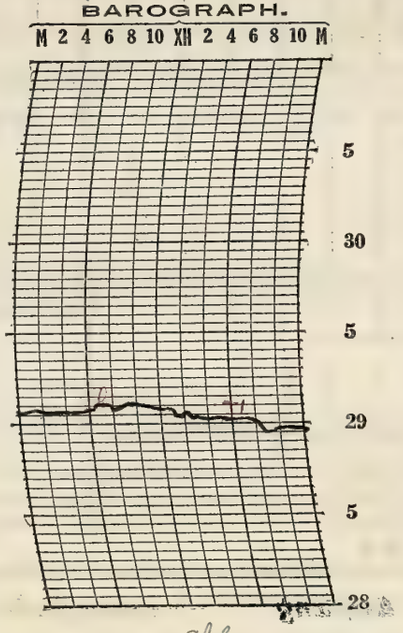
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. A.

8—486

NOTES

It gradually became cloudy during the day. Temperatures were above normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) August 21, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	69	66	68	69	68	65	67	71	71	71
			RB DN 2					RE 7.55				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T	T	.10	.02	.06	.42				
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, 4:57 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0.5	0.2	0.3
Wind direction	SW	SW	SW	W	SW	SW	N	N	S	SW	W	NW
Wind movement	11	12	14	9	17	8	4	4	4	8	11	11
Maximum velocities (exceeding 24 miles) direction and time			SW 2:28									

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	79	79	77	74	72	69	66	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				× Pt Cloudy ×					Clear →			
Sunset: Time, 6:31 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	0.7	1.0	1.0	1.0	1.0	0.3 0.7	0.52 0					
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	2	11	15	15	15	13	10	7	8	7	7	5
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., .50 ins.
Total precipitation, midnight to midnight, .65 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.2 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 53
Prevailing wind direction, NW Total wind, 238
Average hourly velocity, 9.9 Extreme velocity, 30
Maximum velocity, 26 Direction, SW
Time began, 2:28 a.m.
Reduced barometer, 29.79 7 a. m. 29.98 7 p. m.
River gage, 1.5 feet
Relative humidity, 83 7 a. m. 66 7 p. m.

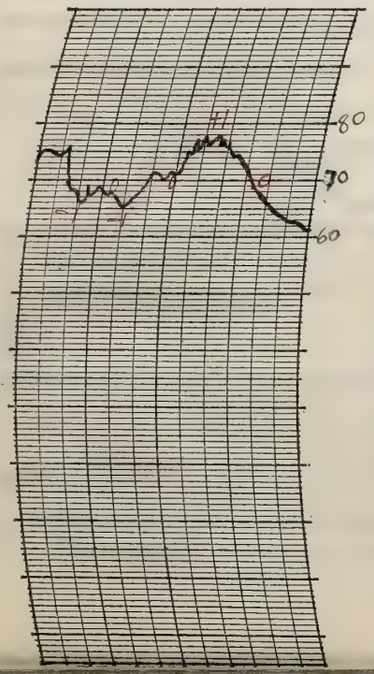
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

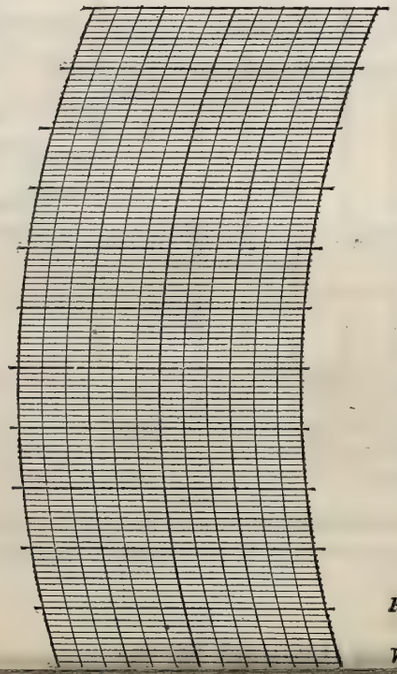
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 71.3 Wet temperature, 67.8
Dew-point, R. humidity, V. pressure,
Clouds: Amount, 10; Kind, St Cu Direction, NW
Velocity of clouds (miles per hour)

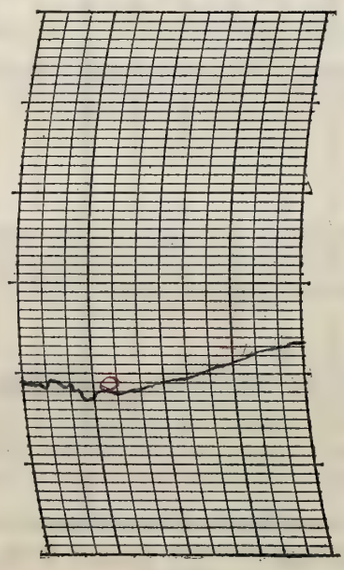
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. G. H.

NOTES

Thunder was first heard at 3:45 a.m. with lightning noticed in the northwest. Lightning was also observed in the N.W. at 6:15 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 22, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	58	57	57	62	67	69	72	75	73
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					X Part	Cloudy	
Sunshine (in tenths of hours)					0.03 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	5	5	6	6	5	6	7	6	7	5	3	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	77	77	76	75	73	69	67	65	63	62
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X		Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.50 0					
Wind direction	E	E	NE	E	NE	E	E	E	E	E	SE	SE
Wind movement	4	4	4	3	6	4	4	6	6	6	5	5

Sunrise: Time, 4:58 Character, Clear

Moonrise:

Sunset: Time, 6:30 Character, Clear

Moonset:

Maximum velocities (exceeding 4 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.5 Possible sunshine, hours, 13.5

Per cent of possible sunshine, 100

Prevailing wind direction, E Total wind, 122

Average hourly velocity, 5.1 Extreme velocity, 8

Maximum velocity, 8 Direction, NE

Time began, 6:28 a.m.

Reduced barometer, 30.15 7 a. m. 30.06 7 p. m.

River gage, 1.0 feet

Relative humidity, 72 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

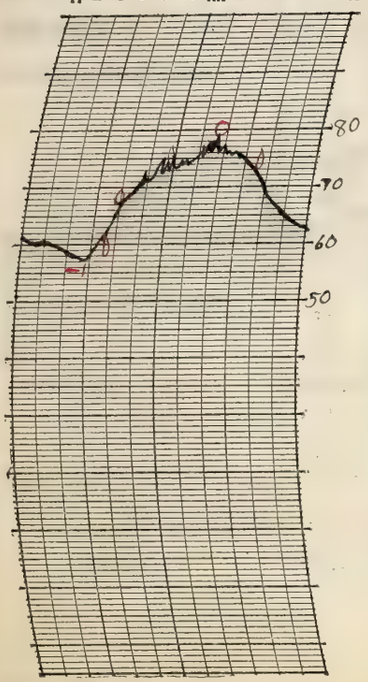
Dry temperature, 73.9 Wet temperature, 60.7

Dew-point, 52 R. humidity, 46 V. pressure, .382

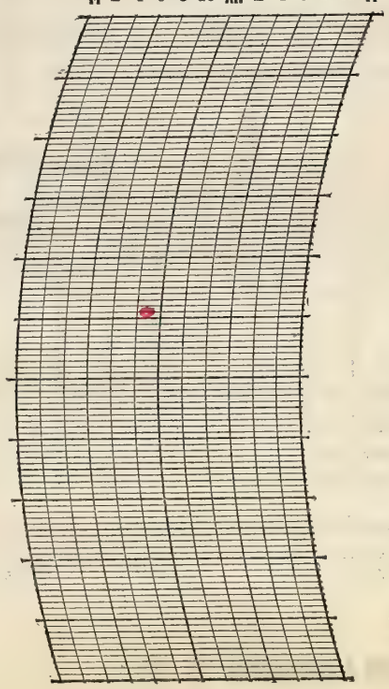
Clouds: Amount, 5; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

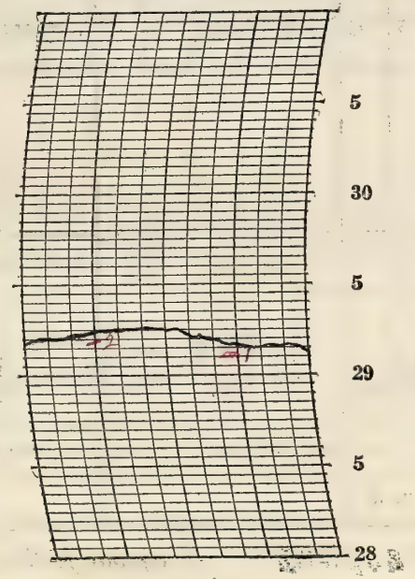
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H.

8—486

NOTES

A light easterly wind prevailed most of the day with temperatures close to normal. It was slightly cooler than yesterday in the early morning but temperatures the rest of the day were almost the same.

The sky became partly cloudy during the mid-day but cleared up at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Thursday, (Date) August 23, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	59	60	61	61	65	67	72	76	77	78	80	81	82	83	80	76	74	73	73	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:30	RE 7:02		RB 9:00 RE 9:10	RB 10:05	RE DN2
Amounts of precipitation																			T	T		T	.02	T
Cloudiness and other conditions					←						Cloudy												→	
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	1.0	0.7	0.6	0.2	0.6	0.9	0.4	0	0	0					
Wind direction	SE	E	E	SE	S	SE	SE	S	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	3	4	4	5	5	8	8	6	11	14	12	11	12	14	10	14	14	10	11	12	9	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:59 Character, Cloudy
Moonrise:
Sunset: Time, 6:28 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

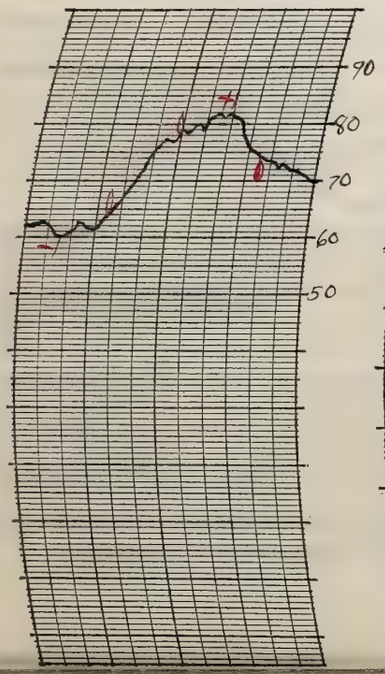
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.8 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 43
Prevailing wind direction, SW Total wind, 213
Average hourly velocity, 8.9 Extreme velocity, 21
Maximum velocity, 19 Direction, SW
Time began, 4:38 p.m.
Reduced barometer, 29.98 a. m. 29.88 p. m.
River gage, 0.6 feet
Relative humidity, 77 a. m. 8 p. m.

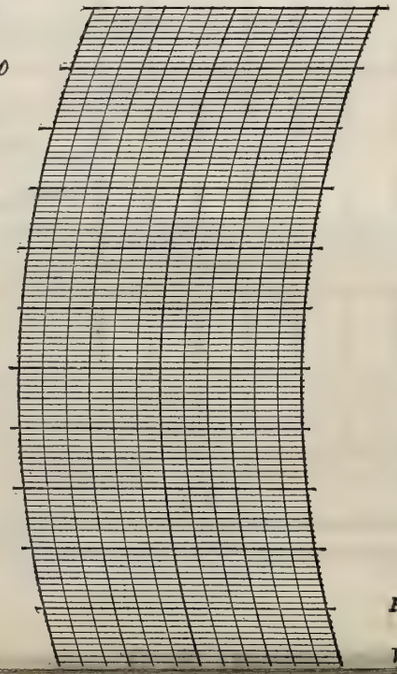
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.5 Wet temperature, 66.3
Dew-point, 60 R. humidity, 53 V. pressure, .517
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

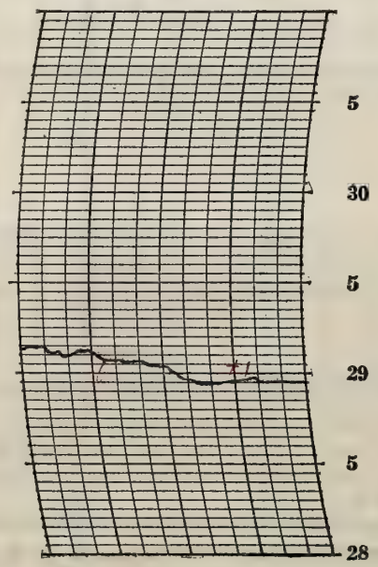
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CF.
Verified by E. L. H

NOTES

It was cloudy all day with light rains in the evening. Temperatures were slightly warmer. The river continues to fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) August 24, 1928

Time (local standard) 90 mer. normal time	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	66	64	62	61	61	63	67	68	67	70	71	72	73	72	71	68	64	63	60	58	57
State of weather: Nature of precipitation and time of beginning and ending		RB DN2			RE DN2																			
Amounts of precipitation		T	.01	.06	T																			
Cloudiness and other conditions					← Cloudy						×	Pt Cloudy						×	Clear					→
Sunrise: Time, 5:00 Character, Cloudy																					Sunset: Time, 6:27 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.45 0					
Wind direction	SW	SW	NW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NE
Wind movement	5	4	5	10	11	11	10	9	10	9	9	10	10	10	10	10	10	8	6	5	4	4	3	4
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.8 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 76
Prevailing wind direction, N Total wind, 182
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 8:35 a.m.
Reduced barometer, 29.98 7 a. m. 30.12 7 p. m.
River gage, 6.4 feet
Relative humidity, 88 7 a. m. 48 7 p. m.

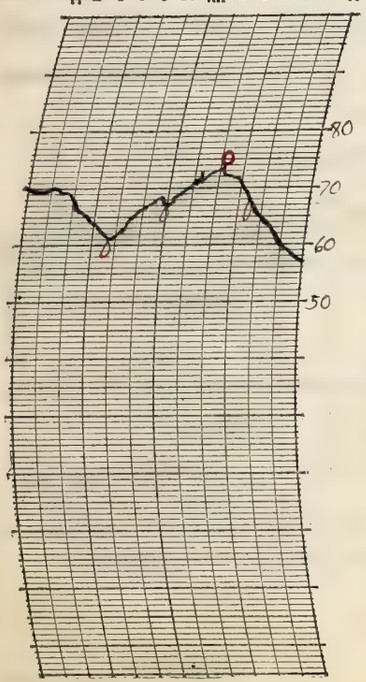
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

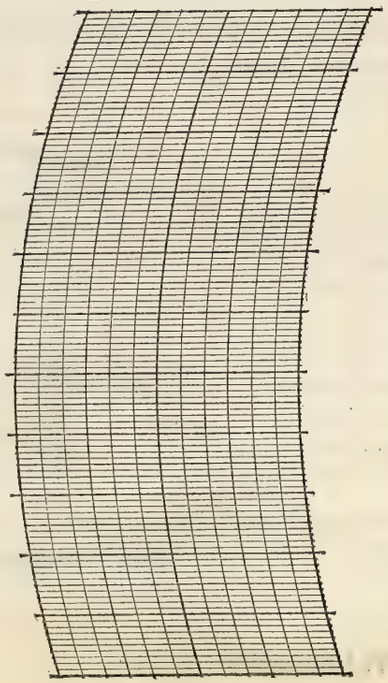
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.2 Wet temperature, 61.1
Dew-point, 57 R. humidity, 76 V. pressure, .465
Clouds: Amount, 6; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

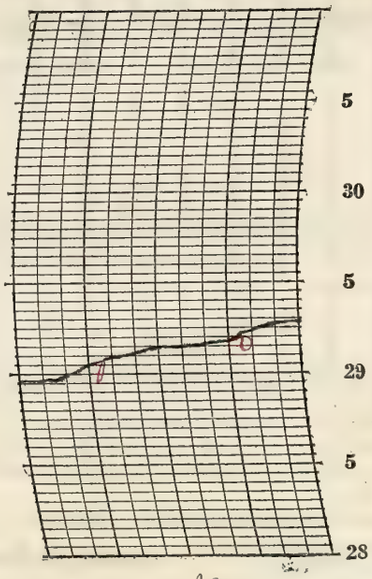
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.L.H.

8—496

NOTES

There was a fragmentary portion of a 22° solar halo visible between 1:30 pm and 1:45 pm.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Saturday, (Date) August 25, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	54	53	53	53	58	62	64	66	68	71	71	74	74	74	73	73	71	68	65	62	61	59
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy										Part Cloudy						→ Clear			
Sunrise: Time, 5:00 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 6:25 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	E	E	E	E	E	SE	SE	E	E	E	E	E
Wind movement	6	6	7	7	6	7	8	11	10	10	7	6	6	7	5	6	4	3	2	4	7	5	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

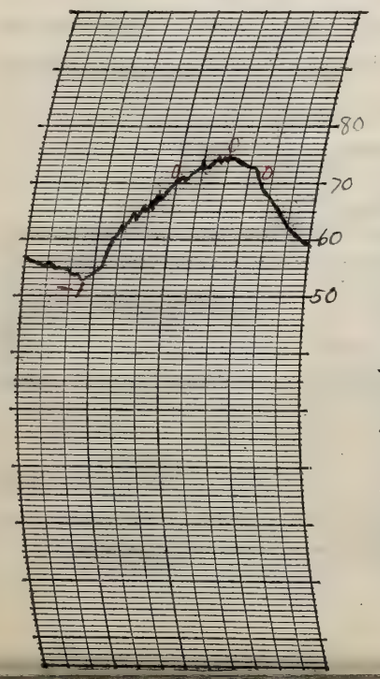
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.3 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 77
Prevailing wind direction, E Total wind, 149
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 8:38 am
Reduced barometer, 30.25 7 a. m. 30.16 7 p. m.
River gage, 0.7 feet
Relative humidity, 75 7 a. m. 52 7 p. m.

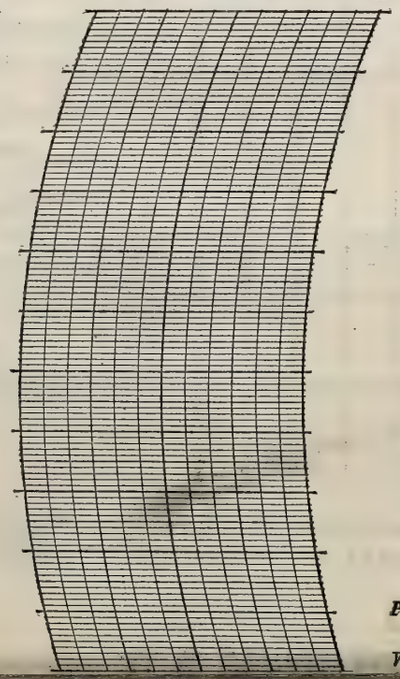
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.9 Wet temperature, 56.9
Dew-point, 46 R. humidity, 41 V. pressure, .310
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

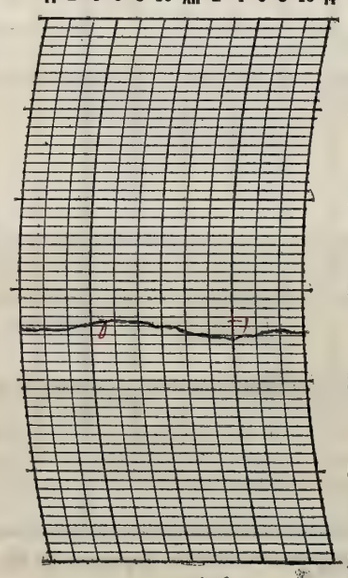
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

It was a partly cloudy day with mostly upper clouds. A clear beautiful night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) August 26, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	56	54	55	59	64	69	73	75	77	78	78	79	79	79	78	76	71	68	66	65	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear					×	Pt Cloudy					×	Clear		→
Sunshine (in tenths of hours)					0.97 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0	0					
Wind direction	E	E	NE	NE	NE	NE	NE	E	E	E	E	SE	E	E	E	E	SE	SE	E	E	E	E	SE	E
Wind movement	3	4	4	4	3	4	4	6	6	5	6	4	6	4	5	5	3	2	4	6	8	5	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:02 Character, Clear
Moonrise:
Sunset: Time, 6:24 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

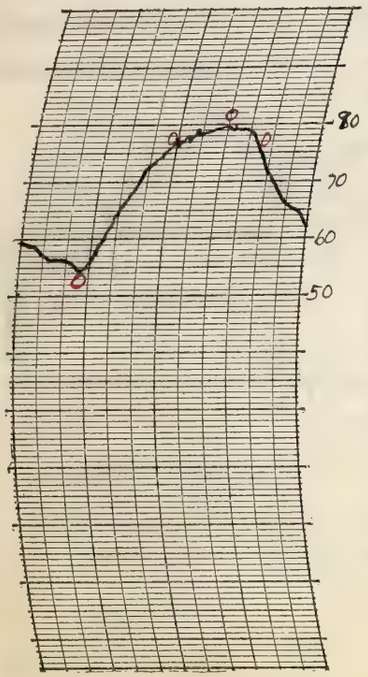
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	54	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.1 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 83
Prevailing wind direction, E Total wind, 110
Average hourly velocity, 4.6 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 7:49 p.m.
Reduced barometer, 30.26 7 a. m. 30.21 7 p. m.
River gage, 0.7 feet
Relative humidity, 51 7 a. m. 50 7 p. m.

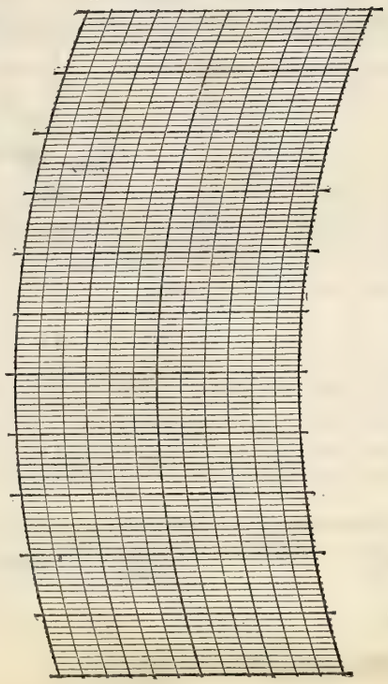
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 61.8
Dew-point, 52 R. humidity, 42 V. pressure, 1.387
Clouds: Amount, 1; Kind, Ci; Direction, N
Velocity of clouds (miles per hour)

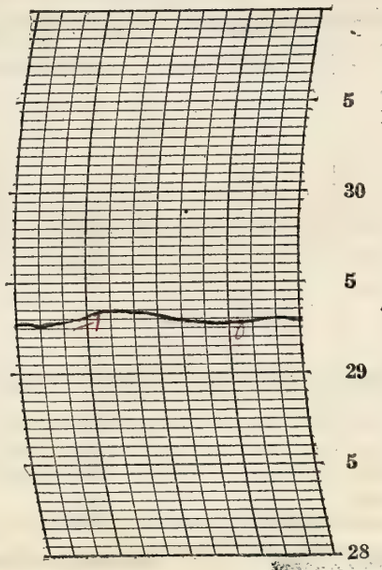
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by E.L.H.

8—486

NOTES

There was a mist due in the morning. It was a clear, pleasant day; clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) August 27, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	56	57	61	68	74	80	83	85
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←						Clear	
Sunrise: Time, 5:03 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)						0.95 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	NE	E	NE	NE	E	E	SE	S	S	SW
Wind movement	3	5	3	5	3	4	4	2	3	3	6	6
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	87	88	88	86	84	82	80	77	76	75	74
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											→	
Sunset: Time, 6:22 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	7	7	8	5	4	5	6	7	7	6
Maximum velocities (exceeding 24 miles) direction and time												

State of weather.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	56	72	.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind, 128
Average hourly velocity, 5.3 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 1:12 p.m.
Reduced barometer, 30.22 7 a. m. 30.11 7 p. m.
River gage, 1.0 feet
Relative humidity, 81 7 a. m. 60 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

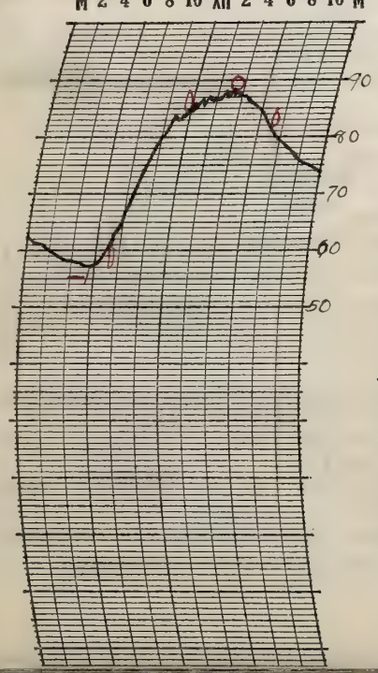
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

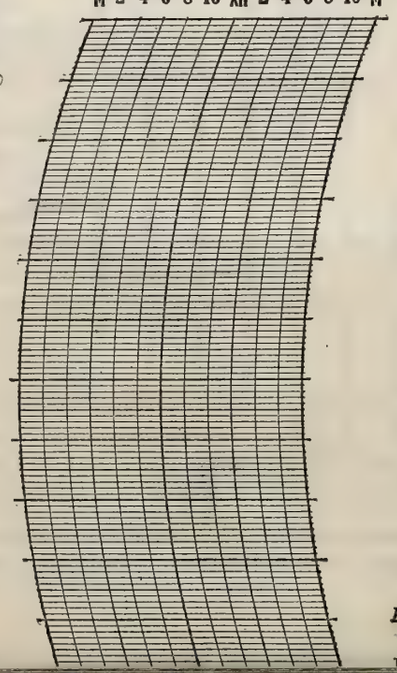
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 84.7 Wet temperature, 68.2
Dew-point, 60 R. humidity, 43 V. pressure, .517
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

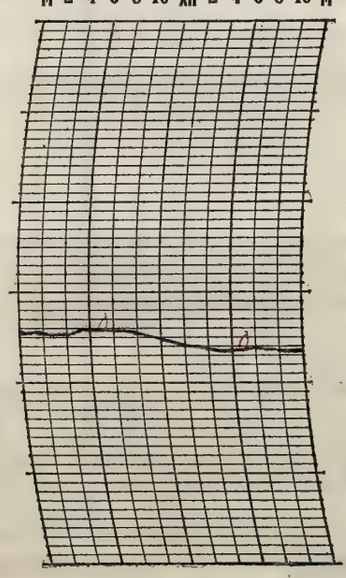
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

The day was quite clear with temperatures close to normal although continuing warm into the evening. A light to gentle wind prevailed while the stars shone brighter the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) August 28, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	70	69	69	68	68	73	77	83	84	87	89
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					0.73 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	7	8	8	8	9	10	13	14	14	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	89	78	75	74	73	71	72	71	71	71	70
State of weather: Nature of precipitation and time of beginning and ending			RB 2.05	RE 3.10								
Amounts of precipitation				.01								
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.6	0	0	0	0	0					
Wind direction	W	W	NW	SW	W	W	W	W	W	W	W	W
Wind movement	12	11	8	7	7	8	8	6	6	6	6	6

Sunrise: Time, 5:04 Character, Clear
Moonrise:
Sunset: Time, 6:21 Character, Cloudy
Moonset:

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

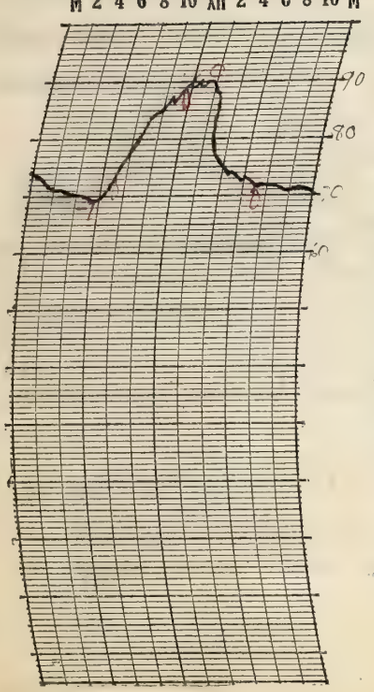
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	68	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.10 ins.
Total precipitation, midnight to midnight, 0.10 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.5 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind, 206
Average hourly velocity, 8.6 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 9:39 a. m.
Reduced barometer, 30.09 7 a. m. 30.08 7 p. m.
River gage, 1.2 feet
Relative humidity, 84 7 a. m. 90 7 p. m.

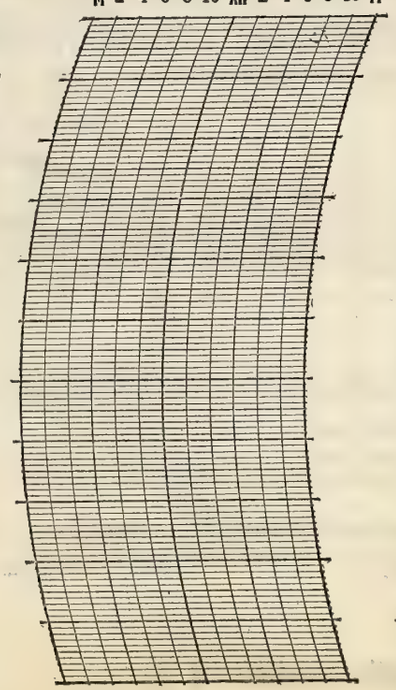
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 88.6 Wet temperature, 74.9
Dew-point, 69 R. humidity, 53 V. pressure, .707
Clouds: Amount, 3; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

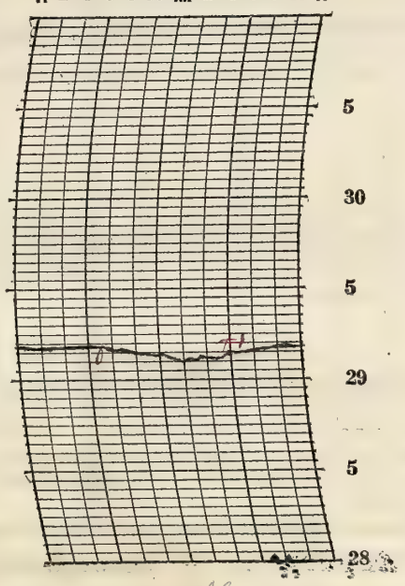
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E. L. H.

8—486

NOTES

The sky grew threatening in the west shortly before 2:00 p.m. and a slight rain began falling at 2:05 p.m. Lightning was observed in the southwest and northeast while thunder was first heard at 2:13 p.m. and continued until 4:00 p.m. It continued cloudy into the evening.

Temperatures rose until before the rain but fell during the thunderstorm and remained pleasantly cool into the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 29, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	67	65	65	68	72	72	80	81	83	85	86	85	84	83	82	81	72	72	71	72	72
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:15				
Amounts of precipitation																				.04	.07	.03	.01	.01
Cloudiness and other conditions					← Clear						×		Part Cloudy				×				Cloudy			→
Sunshine (in tenths of hours)						0.93 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	NW	NW	N	N	NE	SE	E	E	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	W	SW	SW	SW
Wind movement	7	6	5	5	4	2	3	2	5	6	8	7	9	10	11	11	8	7	7	8	3	7	9	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.04 Character, Clear
Moonrise:
Sunset: Time, 6.19 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

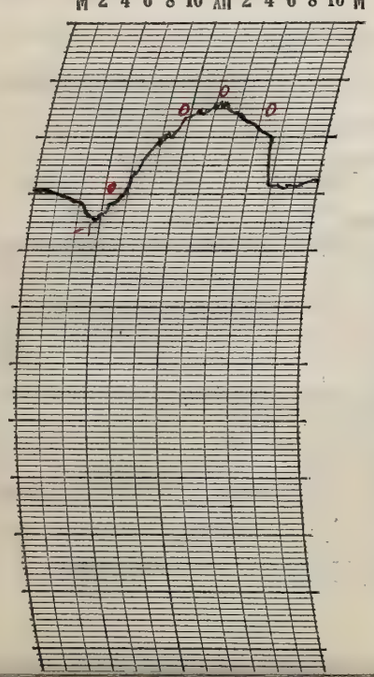
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	64	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.5 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 3:06 p.m.
Reduced barometer, 30.09 7 a. m., 29.91 7 p. m.
River gage, 0.5 feet
Relative humidity, 83 7 a. m. 70 7 p. m.

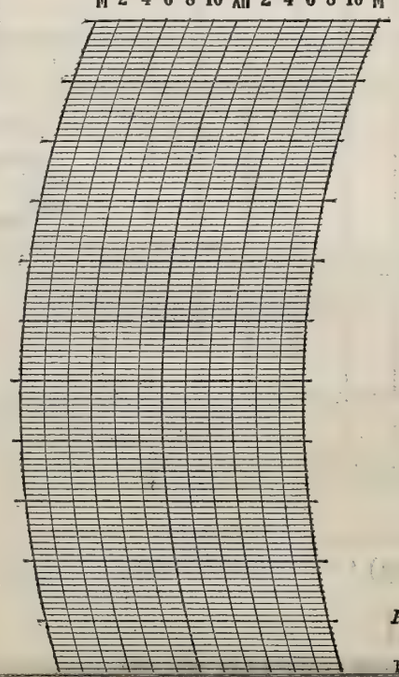
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.8 Wet temperature, 72.6
Dew-point, 68 R. humidity, 62 V. pressure, .684
Clouds: Amount, 4; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

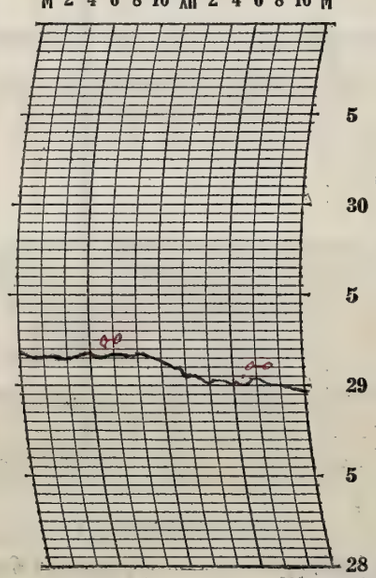
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.H

NOTES

It gradually became cloudy during the day with a light rain in the evening. Lightning in the west was first heard at 6:40 p.m. The

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 30, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	69	71	71	71	69	71	71	73	74	75	76	77	76	75	73	71	69	67	64	63	62	61	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	0.2	0.1																					
Cloudiness and other conditions	← Cloudy									× Part Cloudy ×								Clear			→			
Sunshine (in tenths of hours)						0	0	0	0.2	0.7	0.6	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0					
Wind direction	SW	NW	SW	SW	W	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	12	6	8	8	7	5	7	6	8	8	9	13	13	14	14	13	9	7	7	6	4	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:05 Character, Cloudy
Moonrise:
Sunset: Time, 6:17 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

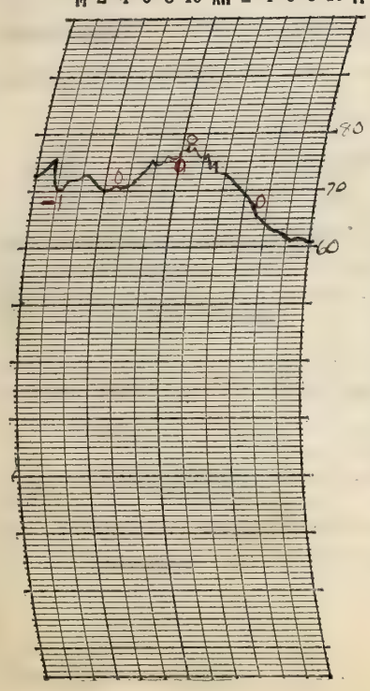
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 58
Prevailing wind direction, NW Total wind, 200
Average hourly velocity, 8.3 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 9:28 p.m.
Reduced barometer, 29.90 7 a. m. 29.05 7 p. m.
River gage, 1.1 fall
Relative humidity, 89 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.1 Wet temperature, 65.7
Dew-point, 61 R. humidity, 60 V. pressure, .536
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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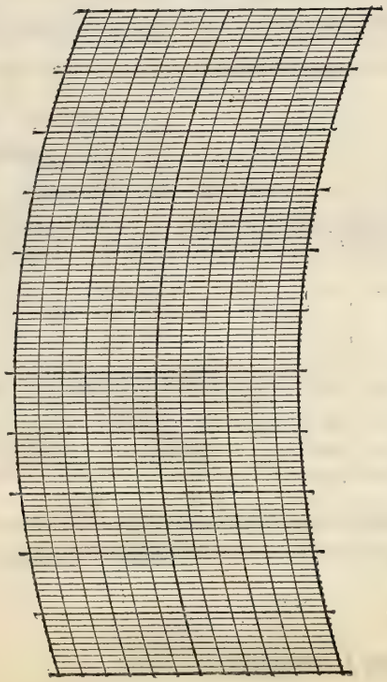
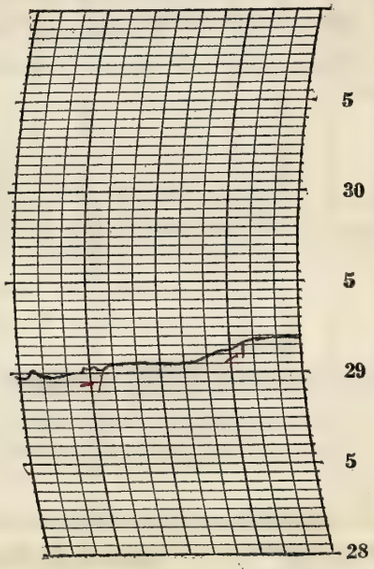


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A light rain fell in the early morning and it continued cloudy until shortly after 9:00 pm when it commenced clearing up.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Friday, (Date) August 31, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	58	59	59	57	59	62	64	66	66	67	68	70	69	68	67	65	63	59	57	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			→ PC		Clear ←					Clear								→	
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 (0.6, 0.27)	0					
Wind direction	NW	NW	NW	NW	NW	N	NE	NE	NE	NE	N	N	NE	N	N	N	N	N	N	N	N	N	N	N
Wind movement	2	3	4	3	3	6	7	7	9	7	8	7	6	6	6	6	7	7	4	6	5	6	3	3
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 5:07 Character, Cloudy
Moonrise:
Sunset: Time, 6:46 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	54	62	

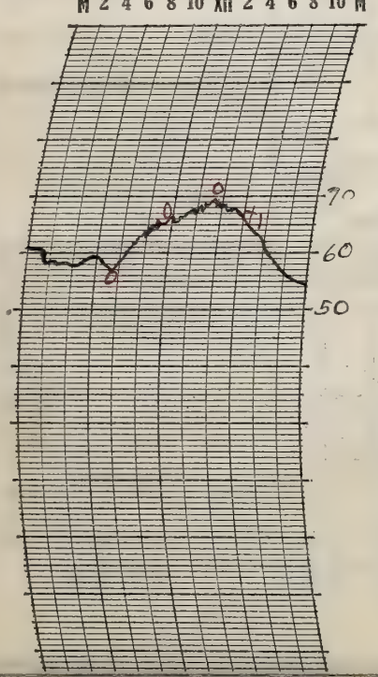
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 81
Prevailing wind direction, N Total wind, 121
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 7:56 am
Reduced barometer, 30.21 7 a. m. 30.24 7 p. m.
River gage, 1.0 feet
Relative humidity, 75 7 a. m. 49 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

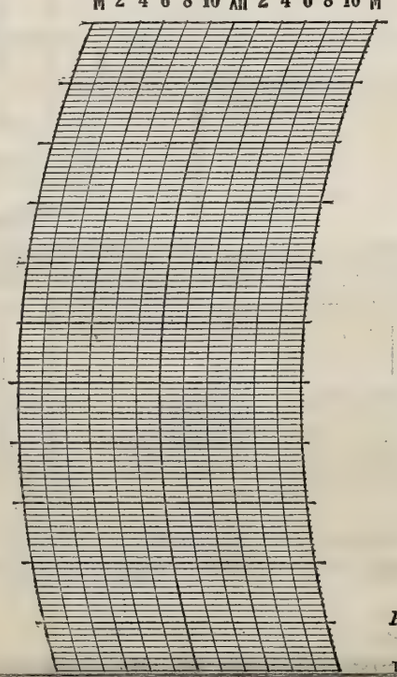
Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 65.9 Wet temperature, 51.9
Dew-point, 39 R. humidity, 37 V. pressure, 237
Clouds: Amount, Few, Few, Kind, Cs, Cs; Direction, SW, SW
Velocity of clouds (miles per hour)

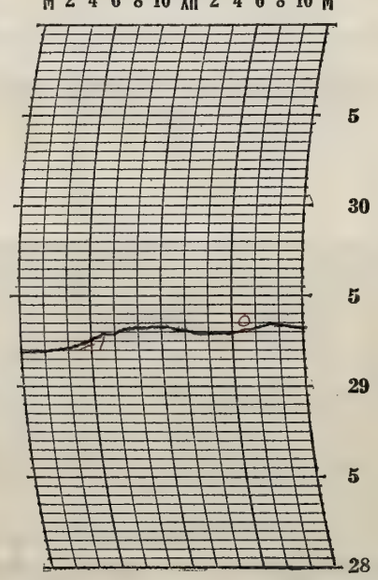
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

The sky gradually became clear during the morning and continued clear into the evening. A light northerly wind prevailed while temperatures have fallen below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 1, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	52	51	50	51	55	59	66	68	70	70	74	76	76	75	74	70	69	65	64	62	59	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt	Cl day		×	→						Clear									
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	0.23 0					
Wind direction	N	N	N	N	N	N	N	E	SE	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	3	1	3	2	3	2	2	3	3	6	6	6	5	5	6	6	6	5	3	3	4	5	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5.08 Character, Cloudy
Moonrise:

Sunset: Time, 6.14 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

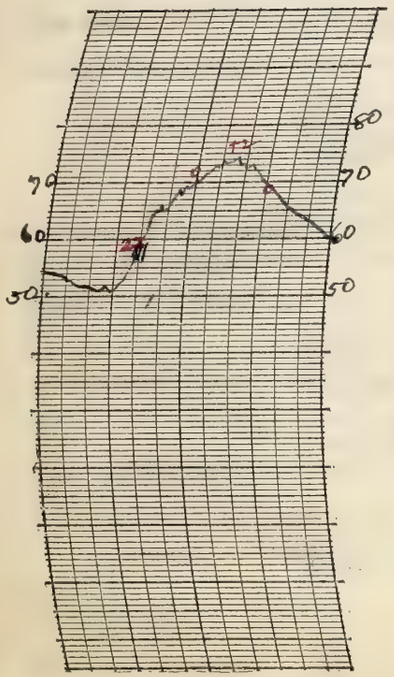
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	50	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.8 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 82
Prevailing wind direction, SW Total wind, 99
Average hourly velocity, 4.1 Extreme velocity, 8
Maximum velocity, 8 Direction, W
Time began, 2:37 pm
Reduced barometer, 30.26 7 a. m. 30.09 7 p. m.
River gage, 1.1 feet
Relative humidity, 62 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.1 Wet temperature, 54.9
Dew-point, 42 R. humidity, 36 V. pressure, .266
Clouds: Amount, Few; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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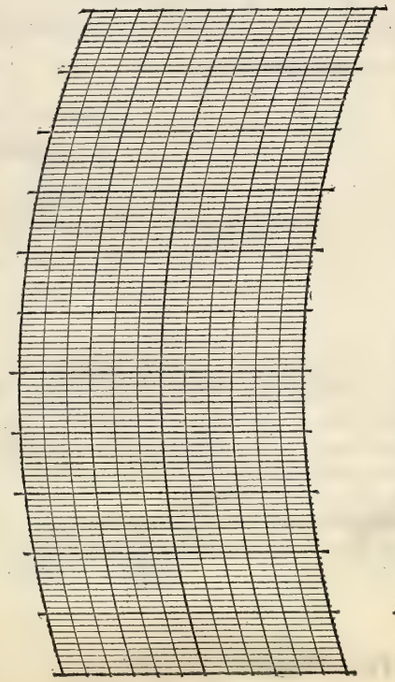
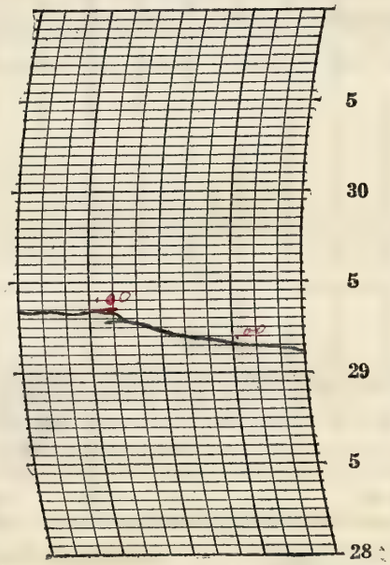


BAROGRAPH.



Prepared by CH.

Verified by E. L. H.

8—486

NOTES

Cool day— Partly cloudy in early morning— but clear most of the day—

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 2, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	57	59	60	65	70	72	75	76	77	79	77	76	75	74	67	66 RB 7:48	62	62	61 RE DN/p	61 RB DN/p
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				.03	.05	.08	T	T
Cloudiness and other conditions					← Pt Cldy						→		Cloudy											→
Sunshine (in tenths of hours)						0	0.2	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	W	W	W	SW	SW
Wind movement	6	6	7	8	8	6	8	9	10	11	12	10	11	13	14	12	10	11	9	7	10	8	5	7

Sunrise: Time, 5:09 Character, Cloudy
Moonrise:
Sunset: Time, 6:12 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

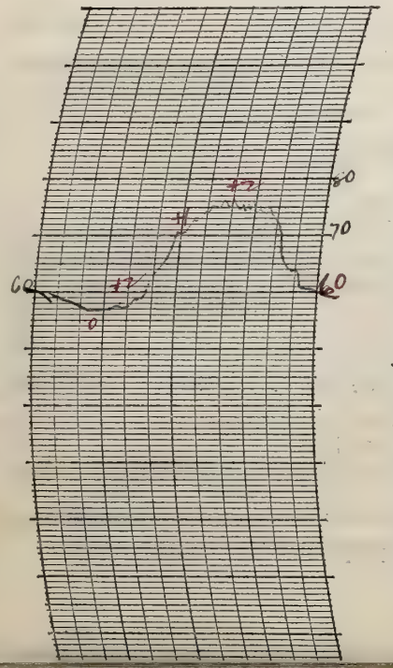
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.9 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 69
Prevailing wind direction, SW Total wind, 217
Average hourly velocity, 9.0 Extreme velocity, 19
Maximum velocity, 16 Direction, NW
Time began, 5:44 p.m.
Reduced barometer, 29.98 7 a. m. 29.79 7 p. m.
River gage, 1.2 feet
Relative humidity, 68 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.4 Wet temperature, 61.1
Dew-point, 51 R. humidity, 46 V. pressure, .323
Clouds: Amount, 6; Kind, St.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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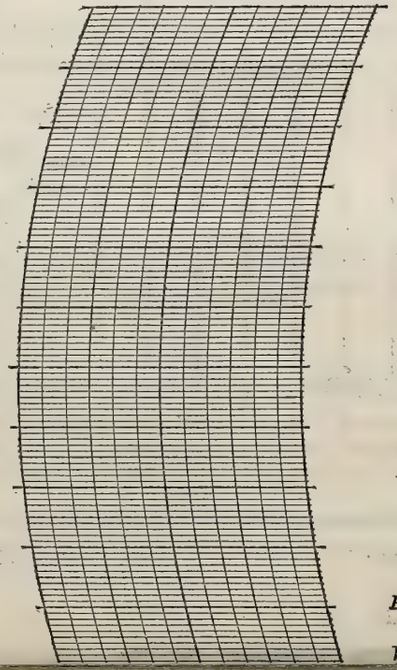
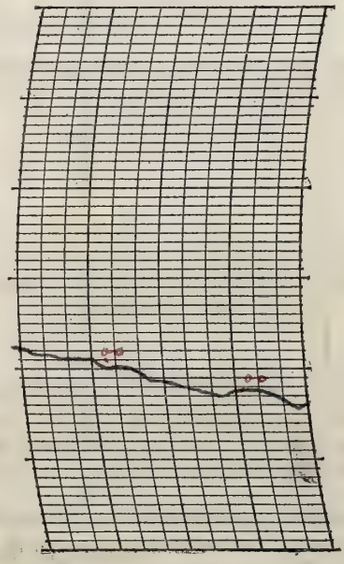


BAROGRAPH.



Prepared by J.
Verified by E.L.H.

NOTES

Pt Cloudy to Cloudy - light rain in the early part of the night.
7:48 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 3, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	60	58	55	56	58	60	63	63	65
Nature of precipitation and time of beginning and ending			RE DNa									
Amounts of precipitation	.17	.04	T									
Cloudiness and other conditions	Cldy			×	Pt Cldy	Clear		×	Pt Cloudy			
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	8	5	7	7	10	6	6	9	11	11	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	63	60	58	56	56	55	54	54	53	52
Nature of precipitation and time of beginning and ending					RD 4:25	RE 5:15			R.3 8:50	R.6 9:10		
Amounts of precipitation					.03	.01			T	.01		
Cloudiness and other conditions			×			Cloudy			Pt Cldy	×	Clear	
Sunshine (in tenths of hours)	1.0	0.9	0	0	0	0	0					
Wind direction	W	W	W	NW	NW	W	W	W	W	W	W	W
Wind movement	13	14	16	10	12	6	6	7	6	6	5	4

State of weather.

Sunrise: Time, 5:10 Character, Clear

Moonrise:

Sunset: Time, 6:11 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .32 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, ~~.32~~ 0.36 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.7 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 67

Prevailing wind direction, W Total wind, 212

Average hourly velocity, 8.8 Extreme velocity, 25

Maximum velocity, 22 Direction, W

Time began, 2:06 p.m.

Reduced barometer, 29.95 7 a. m. 29.94 7 p. m.

River gage, 1.1 feet

Relative humidity, 87 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

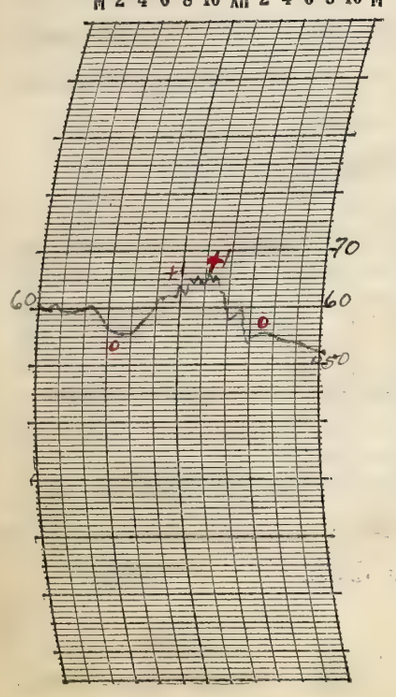
Dry temperature, 64.8 Wet temperature, 55.8

Dew-point, 49 R. humidity, 57 V. pressure, .342

Clouds: Amount, 7; Kind, ~~Cu~~; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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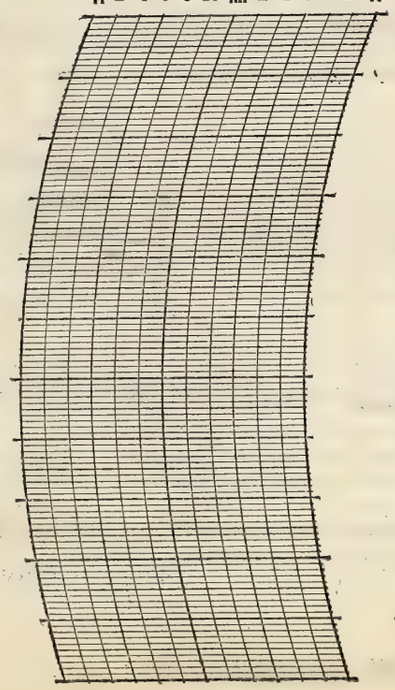
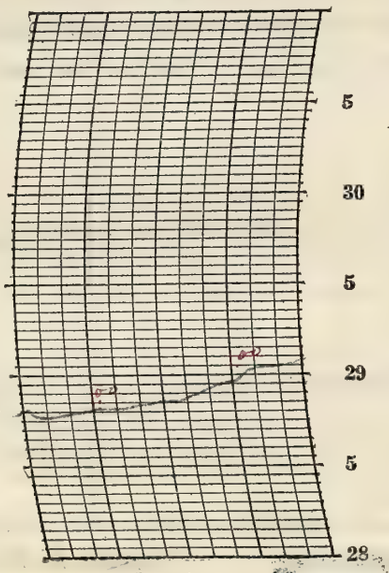


BAROGRAPH.



Prepared by

Verified by E. L. H.

8—486

NOTES

A light rain fell in the early morning. It cleared up during the early morning but gradually became cloudy during the day. Another light rain fell in the late afternoon but it became clear in the later part of the evening. The brightest stars were visible.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 4, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	50	48	47	51	54	60	61	62	64	65	68	67	66	68	66	63	62	60	59	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						×		Pt Cloudy								→			
Sunrise: Time, 5:11 Character, Clear																					Sunset: Time, 6:09 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.82 0	0.3 0.7	1.0	1.0	1.0	0.6	1.0	1.0	0.6	1.0	0.6	1.0	0	0					
Wind direction	W	W	W	W	W	SW	W	SW	W	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	# N	# N	# N	# N
Wind movement	3	4	3	3	4	6	5	5	6	10	10	9	9	6	7	6	5	5	4	3	# 3	# 2	# 2	# 2
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

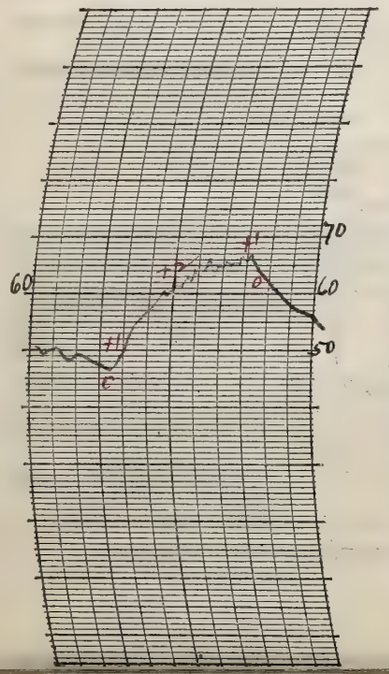
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 82
Prevailing wind direction, N Total wind, 122
Average hourly velocity, 5.1 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 9:32 a.m.
Reduced barometer, 30.15 7 a. m. 30.23 7 p. m.
River gage, 1.8 feet
Relative humidity, 88 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.9 Wet temperature, 52.8
Dew-point, 43 R. humidity, 42 V. pressure, .277
Clouds: Amount, 6; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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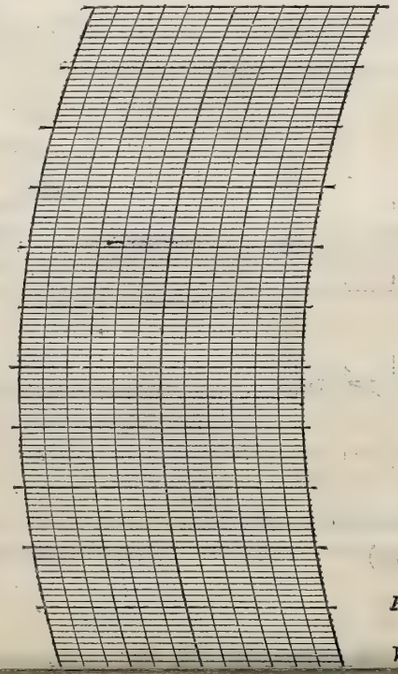
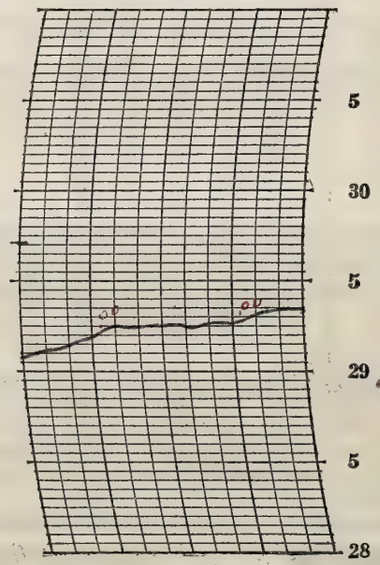


BAROGRAPH.



Prepared by H.

Verified by E.L.H

NOTES

Interpolated, meteograph stopped

The day as a whole was partly cloudy with temperatures still below normal. Light to gentle winds prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) ~~September~~ 5, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	51	49	49	54	59	64	65	67	68	69	70	71	70	69	68	65	64	63	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						×			Part Cloudy							→			
Sunshine (in tenths of hours)						0.82 # 0	# 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	# 1.0	# 0.7	0.1	0	0					
Wind direction	# N	# N	# NE	# NE	# NE	# NE	# NE	E	E	E	NE	NE	NE	NE	# NE	# NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	# 2	# 2	# 3	# 3	# 3	# 3	# 2	5	6	7	11	10	10	10	# 8	# 8	9	6	6	6	7	7	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:11 Character, Clear

Moonrise: ____ ____

Sunset: Time, 6:08 Character, Cloudy

Moonset: ____ ____

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	49	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, ____

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 82

Prevailing wind direction, NE Total wind, 145

Average hourly velocity, 6.0 Extreme velocity, 15

Maximum velocity, 14 Direction, NE

Time began, 11:26 a. m.

Reduced barometer, 30.33 7 a. m. 30.25 7 p. m.

River gage, 1.4 feet

Relative humidity, 70 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

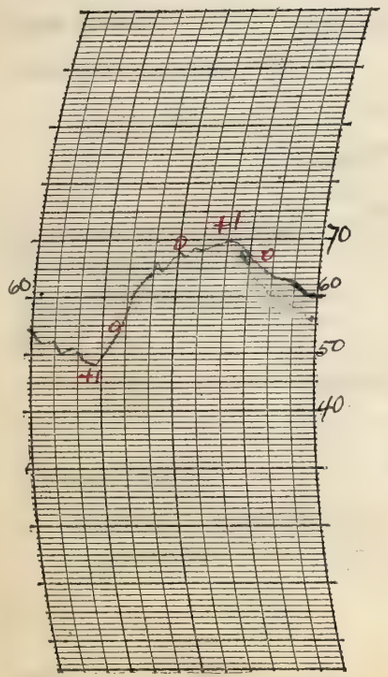
Dry temperature, 67.3 Wet temperature, 54.6

Dew-point, 43 R. humidity, 42 V. pressure, .277

Clouds: Amount, 3 Kind, Cu; Direction, NE

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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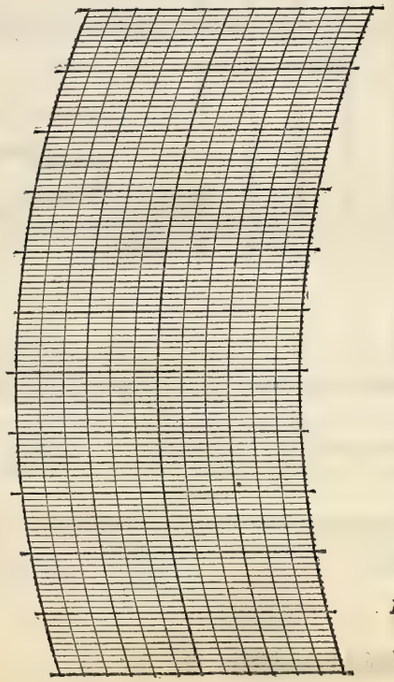
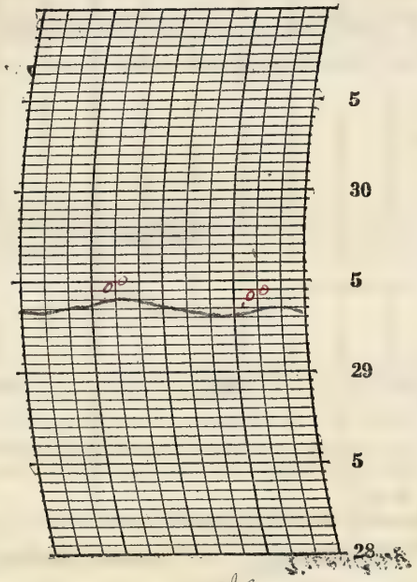


BAROGRAPH.



Prepared by [signature]

Verified by E. L. H.

8—486

NOTES

* Interpolated, meteorograph stopped

Unusual cool morning — cool all day — Clear in early morning but Cloudy most of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 6, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	57	56	55	56	60	65	66	69	71	72	73	74	73	71	70	67	65	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cldy			×			Pt Cloudy													→
Sunrise: Time, 5:12 Character, Cloudy																					Sunset: Time, 6:06 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	NE
Wind movement	6	8	9	6	6	4	6	6	7	8	7	8	8	7	8	9	7	7	5	6	6	5	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

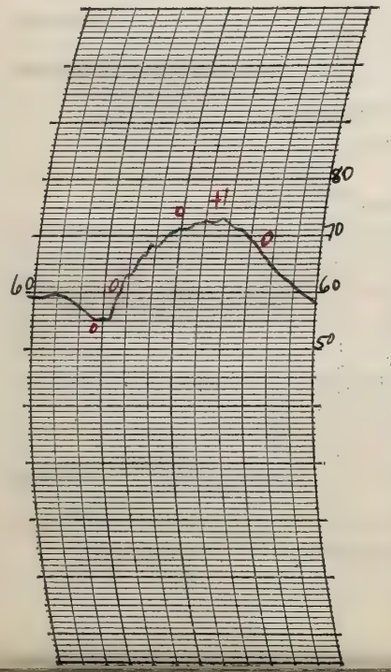
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.9 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 69
Prevailing wind direction, NE Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 3:35 p.m.
Reduced barometer, 30.29.7 a. m. 30.26.7 p. m.
River gage, 0.9 feet
Relative humidity, 91 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 57.3
Dew-point, 47 R. humidity, 43 V. pressure, 3.22
Clouds: Amount, 5 2; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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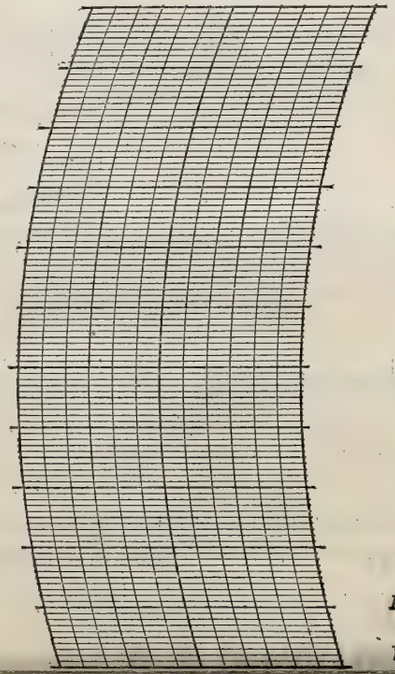
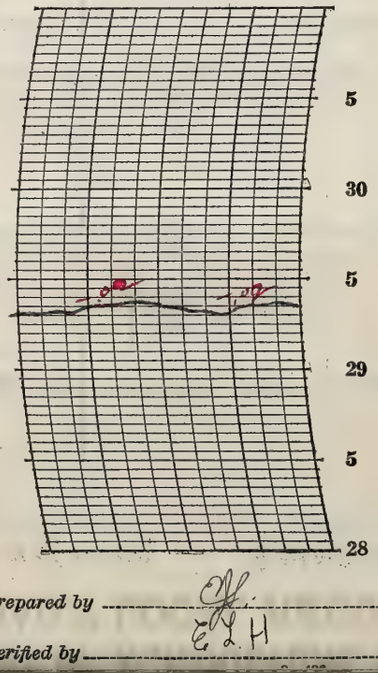


BAROGRAPH.



Prepared by CJ.
Verified by E.L.H

NOTES

Temperatures remain below normal. Partly cloudy all day and into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Friday, (Date) September 7, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	54	52	52	55	59	63	64	67	69	70	71	74	74	73	72	69	68	64	63	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear									→			
Sunrise: Time, 5:13 Character, Clear																					Sunset: Time, 6:04 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.75 0	0.5 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	NE	NE	E	E	NE	NE	NE	E	E	SE	E	SE	E	SE	SE	SE	E	E	E	SE	E	E	SE	SE
Wind movement	4	3	6	5	5	3	3	5	6	7	7	6	6	6	5	4	4	4	3	3	4	6	5	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

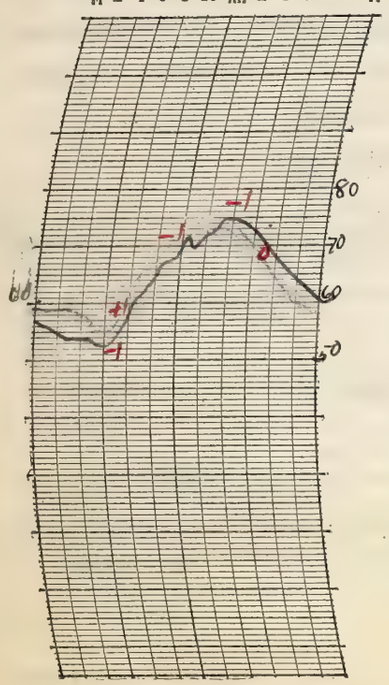
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	52	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.5 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 90
Prevailing wind direction, E Total wind, 112
Average hourly velocity, 4.7 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 8:43 a.m.
Reduced barometer, 30.29 7 a. m. 30.16 7 p. m.
River gage, 1.0 feet
Relative humidity, 88 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.1 Wet temperature, 59.9
Dew-point, 54 R. humidity, 58 V. pressure, .417
Clouds: Amount, 1 Few; Kind, Cu Cu; Direction, SE SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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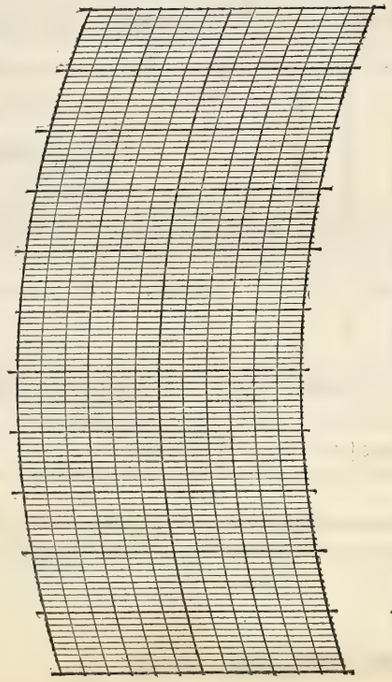
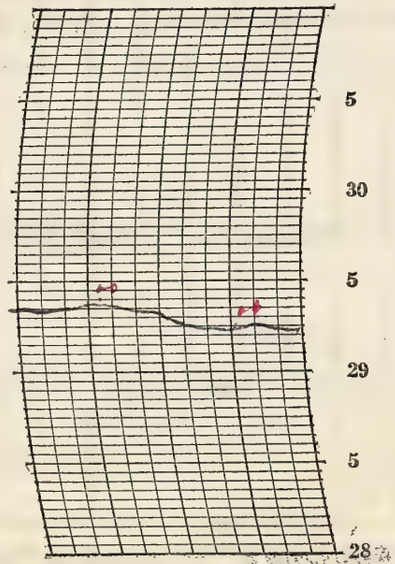


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A heavy dew fell in the early morning - Clear cool day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 8, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	56	56	54	54	55	59	61	69	73	79	80	82	82	83	82	79	78	77	73	71	69	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						0.77 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	0.5 0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	1	1	2	1	2	3	4	5	6	8	7	9	9	8	6	4	5	5	4	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:14 Character, Clear
Moonrise:
Sunset: Time, 6:03 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

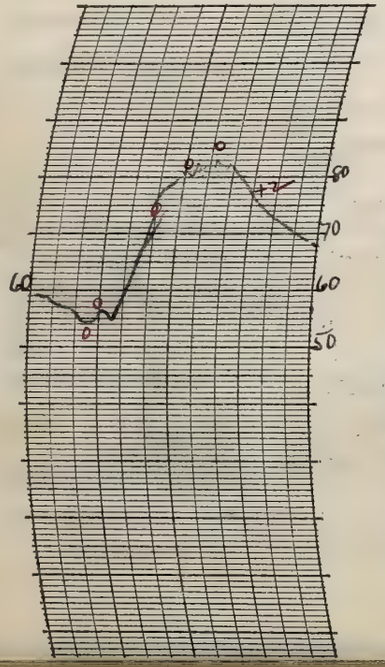
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.8 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 103
Average hourly velocity, 4.3 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 11:47 P.M.
Reduced barometer, 30.18 7 a. m. 30.10 7 p. m.
River gage, 1.0 feet
Relative humidity, 83 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.7 Wet temperature, 63.2
Dew-point, 53 R. humidity, 40 V. pressure, .402
Clouds: Amount, Few; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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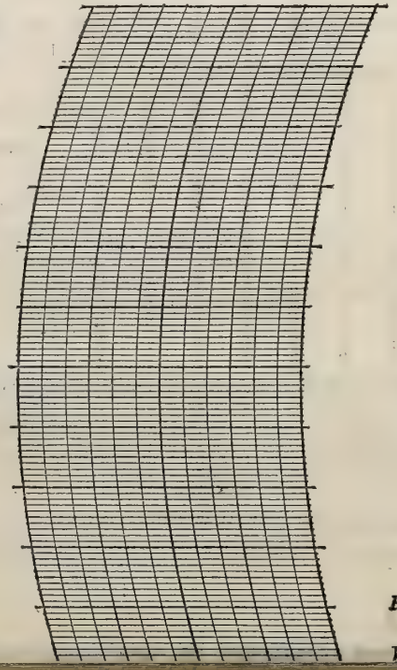

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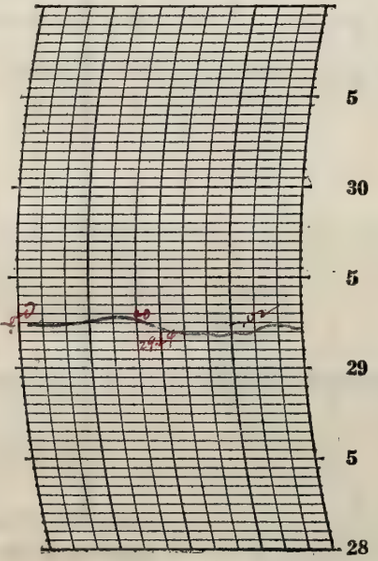


Prepared by E. L. H.

Verified by E. L. H

NOTES

Clear warm beautiful day. Mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 9, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	62	63	64	70	78	81	84	85	88	89	88	87	84	82	81	78	75	75	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						0.75 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	5	4	5	4	6	4	5	6	7	7	9	10	9	9	8	6	5	5	7	7	7	7

Sunrise: Time, 5:15 Character, Clear

Moonrise:

Sunset: Time, 6:01 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 95

Prevailing wind direction, SW Total wind, 152

Average hourly velocity, 6.3 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 1:10 P.M.

Reduced barometer, 30.16 7 a. m. 30.11 7 p. m.

River gage, 0.9 feet

Relative humidity, 86 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

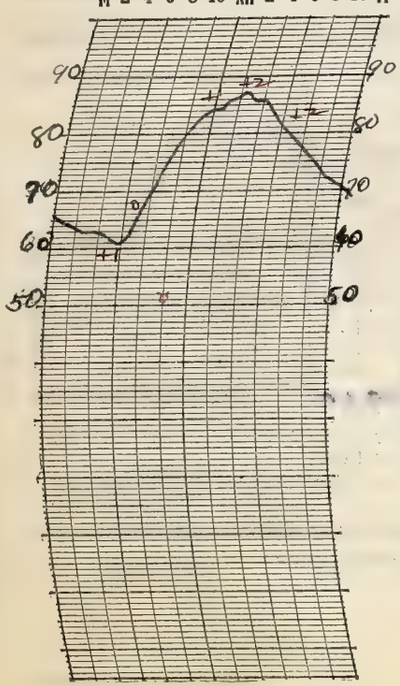
Dry temperature, 85.0 Wet temperature, 69.0

Dew-point, 61 R. humidity, 44 V. pressure, 536

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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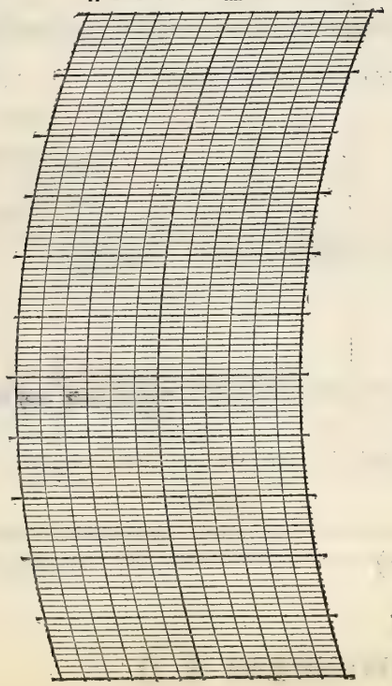
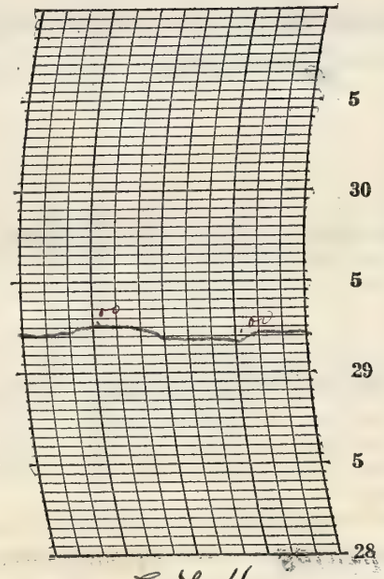


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Warm beautiful day—
It became cloudy at sunset with light upper clouds. But clear soon after sunset and clear into the night— warm night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 10, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	67	68	69	75	81	83	84	84	86	87	86	84	82	80	80	76	74	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear						Pt cldy							Cloudy							
Sunshine (in tenths of hours)						0.7 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	8	9	8	8	7	10	10	12	13	16	16	16	15	13	8	6	6	7	6	6	7	8

Sunrise: Time, 5:16 Character, Clear
Moonrise:
Sunset: Time, 5:59 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 20 SW

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

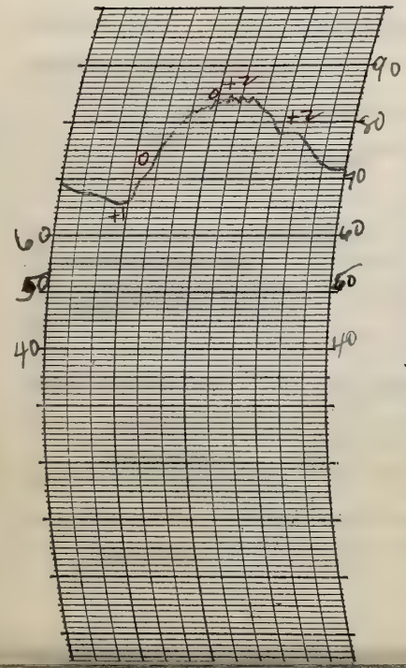
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	67	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.7 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 84 %
Prevailing wind direction, SW Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 20
Maximum velocity, 20 Direction, SW
Time began, 12:55 P.M.
Reduced barometer, 30.14 7 a. m. 30.03 7 p. m.
River gage, 0.9 feet
Relative humidity, 83 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.2 Wet temperature, 70.2
Dew-point, 63 R. humidity, 50 V. pressure, .575
Clouds: Amount, 6; Kind, Ac Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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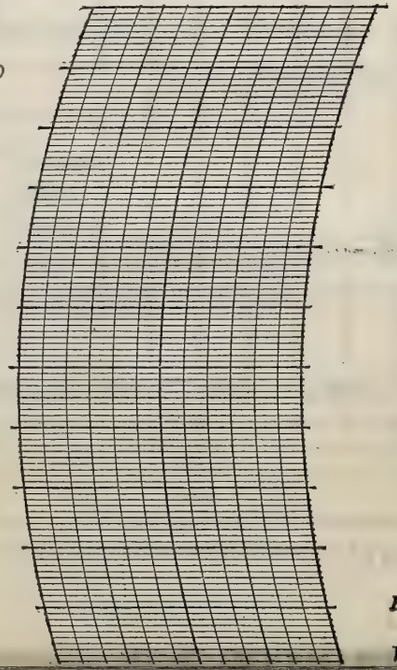
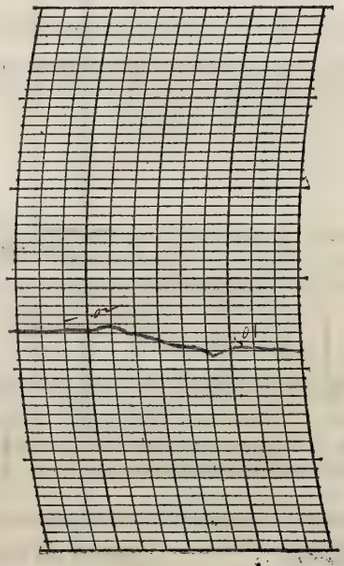


BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H

NOTES

Sky became partly overcast with high, thin clouds soon after sunrise, and was overcast by 3:00 p.m. Mostly thin high clouds - & windy, warm, afternoon. Cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 11, 1928

Time (local standard) 90 mer. normal time:

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	72	71	70	70	69	70	75	77	78	79	81	82	79	81	79	77	77	73	73	73	71	69	68
														R 1:27 1:17		R.B 3:15 R.E 3:20		R.B 5:55p				9:15 p		
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation														.01		T		T	.05	T	T	.01		
Cloudiness and other conditions						Cloudy																		
Sunrise: Time, 5:17 Character, Cloudy																					Sunset: Time, 5:57 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.9	0.7	0.4	1.0	0.9	0.6	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	W	SW	W	W	W
Wind movement	7	7	9	9	7	7	8	8	12	11	11	11	10	8	9	6	5	4	5	7	8	5	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	68	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 06 ins.

Total precipitation, midnight to midnight, 0.07 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 4.5 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 35 %

Prevailing wind direction, SW Total wind, 180

Average hourly velocity, 7.5 Extreme velocity, 14

Maximum velocity, 14 Direction, SW

Time began, 9:38 a.m.

Reduced barometer, 30.04 7 a. m. 29.97 7 p. m.

River gage, 1.0 feet

Relative humidity, 77 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

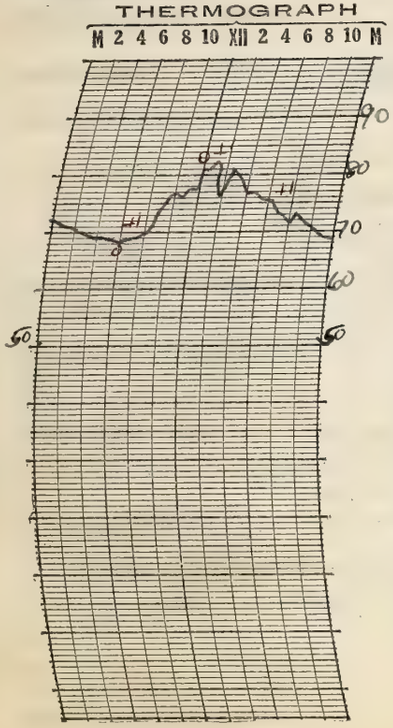
Dry temperature, 81.0 Wet temperature, 70.0

Dew-point, 65 R. humidity, 58 V. pressure, 616

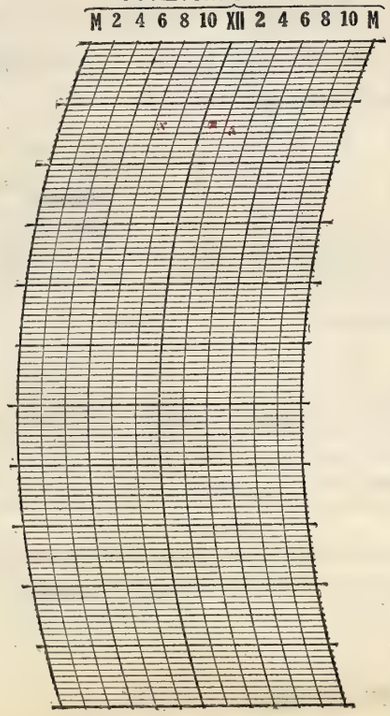
Clouds: Amount, 7; Kind, cst; Direction, SW

Velocity of clouds (miles per hour)

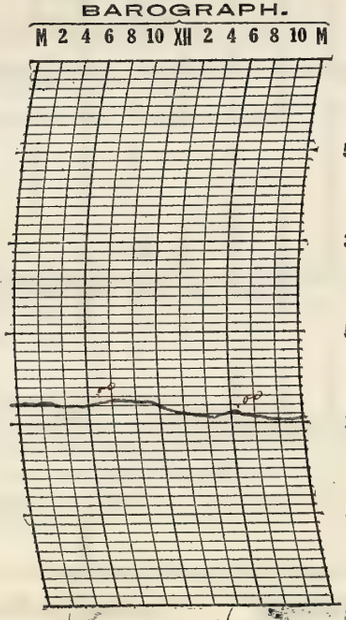
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Partly cloudy to cloudy morning. Light showers occurred about 1:00 P.M., 3:00 P.M. and again a little after sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 12, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	65	66	67	68	74	78	82	85	85	85	85	85	83	81	79	78	75	75	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←				Cloudy						×	→		Partly			→	←	Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.9	1.0	1.0	0.8	0.7	1.0	1.0	1.0	0.7	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	× SW	× SW	× SW
Wind movement	4	4	6	4	5	5	7	9	12	13	18	19	17	20	15	15	12	11	9	9	7	× 7	× 8	× 7
Maximum velocities (exceeding 24 miles) direction and time														26 SW 1:35										

Sunrise: Time, 5:19 Character, Cloudy
Moonrise:

Sunset: Time, 5:56 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

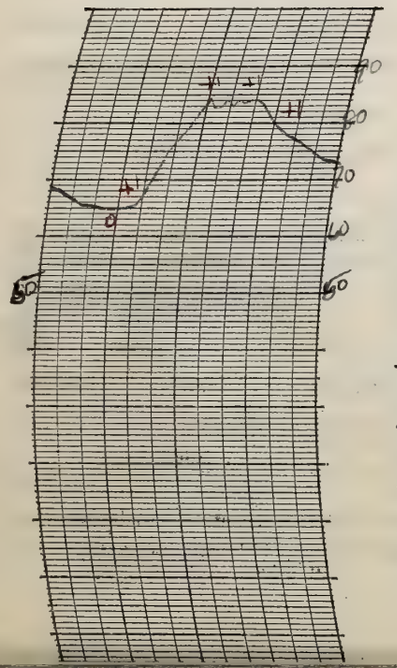
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 64 pct
Prevailing wind direction, SW Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 30
Maximum velocity, 26 Direction, SW
Time began, 1:35 P.M.
Reduced barometer, 29.96 7 a. m. 29.86 7 p. m.
River gage, 1.0 feet
Relative humidity, 89 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 70.5
Dew-point, 64 R. humidity, 49 V. pressure, .595
Clouds: Amount, 10; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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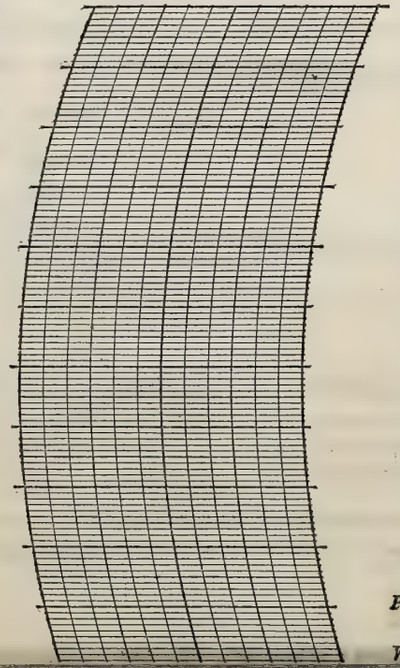
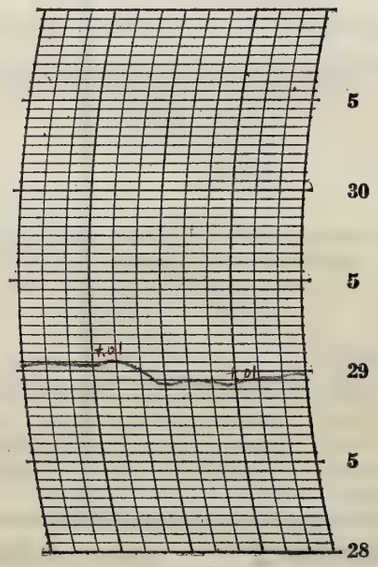


BAROGRAPH.



Prepared by E.E.H.

Verified by E.E.H.

NOTES

Unsettled, threatening day — Sun shone through high thin clouds most of the day. Cloudy at night.

× Data interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 13, 1928

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	71	71	70	67	69	68	70	73	76	80	82	82	83	85	81	80	77	77	70	69	67	66
State of weather: Nature of precipitation and time of beginning and ending					RB D.NA E D.NA																			
Amounts of precipitation					T																			
Cloudiness and other conditions					Cloudy								7	Pt. Cldy				Clear						
Sunrise: Time, Character	5:20 Cloudy																							
Moonrise:																								
Sunset: Time, Character																					5:54 Clear			
Moonset:																								
Sunshine (in tenths of hours)							0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.3	0.9 0						
Wind direction	SW	SW	W	W	W	W	W	W	W	N	N	NW	W	N	N	W	W	W	W	N	N	E	E	SE
Wind movement	7	7	6	5	4	3	2	3	4	5	5	6	5	5	4	3	4	3	1	3	3	4	6	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

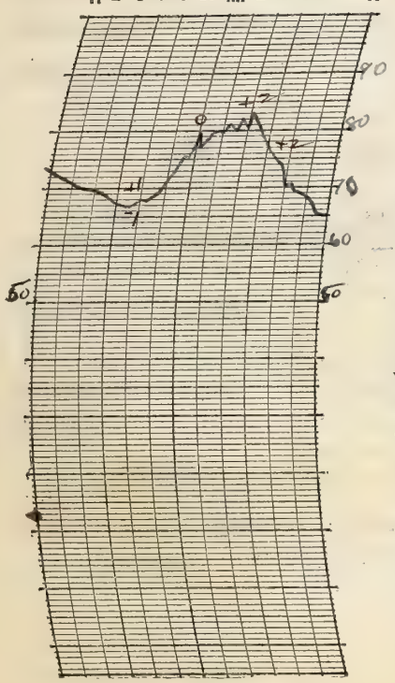
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.5 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 67%
Prevailing wind direction, NW Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 12:02 PM
Reduced barometer, 30.02 7 a. m. 30.03 7 p. m.
River gage, 0.7 feet
Relative humidity, 83 7 a. m. 69 7 p. m.

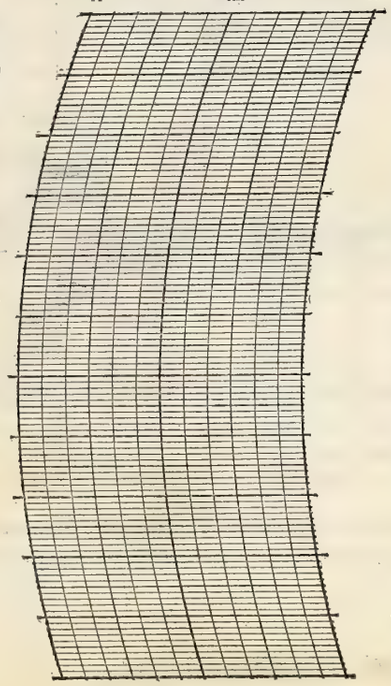
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.5 Wet temperature, 65.5
Dew-point, 57 R. humidity, 45 V. pressure, .465
Clouds: Amount, 9; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

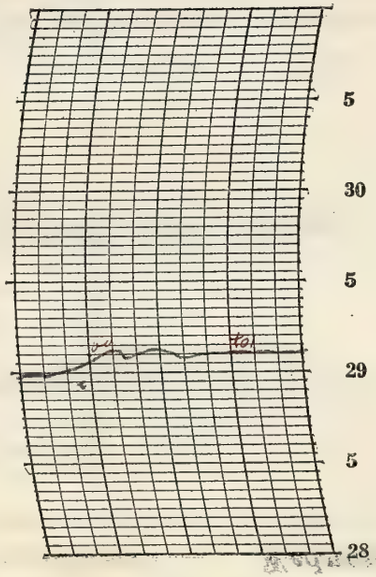
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Cloudy in the morning, partly Cloudy in the afternoon and Clear at night. Very warm.
X Meteograph stopped data interpolated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 14, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	66	64	64	64	67	69	76	80	85	86	85	87	87	87	86	84	83	81	77	71	68	67
State of weather: Nature of precipitation and time of beginning and ending			R.B 0 N A R.E 0 N A																		R.B 825	R.E 10:08		
Amounts of precipitation			T																		.04	.03		
Cloudiness and other conditions	Cloudy												Pt cloudy						Cloudy					

Sunrise: Time, 5:21; Character, Cloudy. Moonrise:

Sunset: Time, 5:52; Character, Cloudy. Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.3	0						
Wind direction	SE	SE	S	S	S	SE	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	4	4	6	7	5	4	4	3	3	7	11	10	12	15	14	16	13	12	11	11	12	18	11	10
Maximum velocities (exceeding 24 miles) direction and time																						30 W 9:40		

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.2 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 66.0%
Prevailing wind direction, SW Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 31
Maximum velocity, 30 Direction, W
Time began, 9:40 P.M.
Reduced barometer, 30.01 7 a. m. 29.80 7 p. m.
River gage, 0.8 feet
Relative humidity, 80 7 a. m. 62 7 p. m.

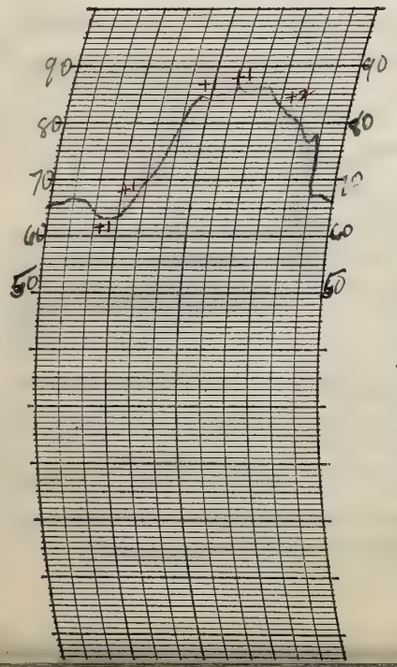
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

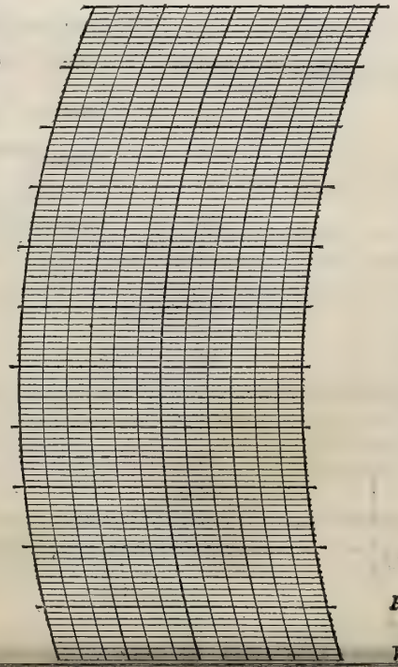
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 86.0 Wet temperature, 73.5
Dew-point, 68 R. humidity, 56 V. pressure, .684
Clouds: Amount, 7; Kind, Cu ST; Direction, SW
Velocity of clouds (miles per hour)

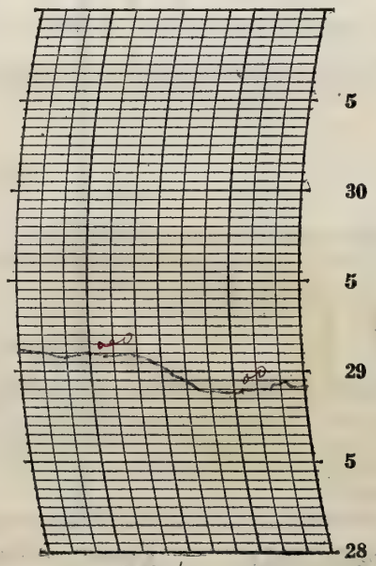
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H

NOTES

Mostly cloudy windy day. A thunder storm occurred at and around the station during the evening. The wind which reached a maximum velocity of 30 miles per hour at 9:40 P.M. did slight damage to trees, and broke some telephone poles. No damage occurred from lightning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 15, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	65	64	65	69	70	72	75	77	78	79	80	80	79	76	72	70	68	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Partly														Clear					
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2 1.85						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	N	W	W	W	W	SW	SW	SW
Wind movement	10	11	10	9	10	9	10	14	16	18	15	16	16	15	15	14	11	7	6	6	5	5	7	6

Sunrise: Time, 5:21 Character, Cloudy

Moonrise:

Sunset: Time, 5:51 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 11.4 Possible sunshine, hours, 12.5

Per cent of possible sunshine, 91

Prevailing wind direction, SW Total wind, 261

Average hourly velocity, 10.9 Extreme velocity, 20

Maximum velocity, 20 Direction, SW

Time began, 9:40 am

Reduced barometer, 29.87 7 a. m. 29.96 7 p. m.

River gage, 0.9 feet

Relative humidity, 83 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

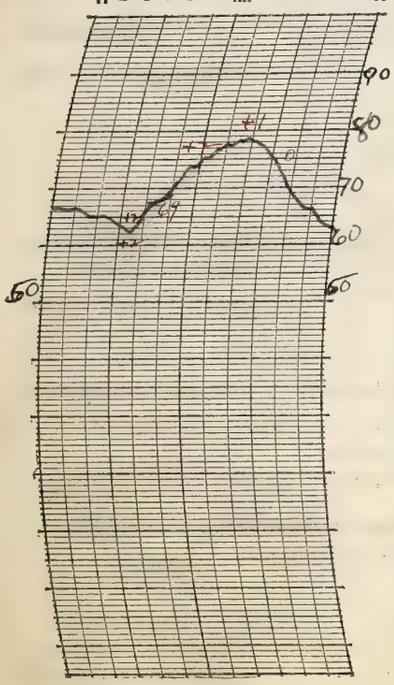
Dry temperature, 76.8 Wet temperature, 64.3

Dew-point, 57 R. humidity, 51 V. pressure, .465

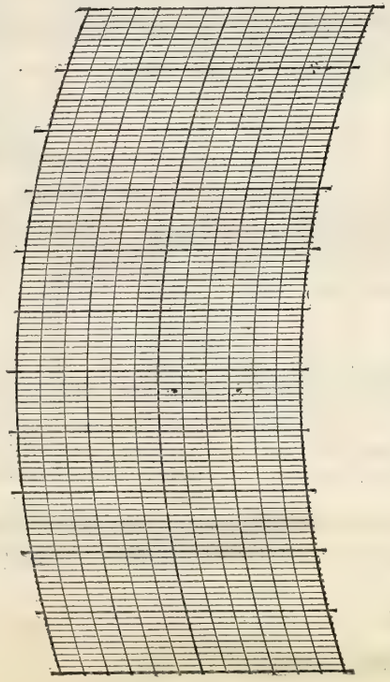
Clouds: Amount, 1; Kind, cst; Direction, W

Velocity of clouds (miles per hour)

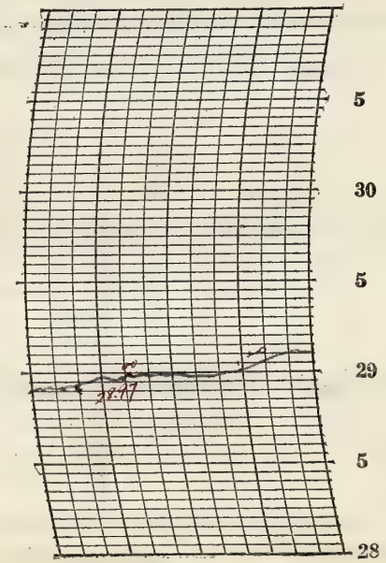
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Partly cloudy in the early morning, but clear most of the day. Windy but otherwise pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 16, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	60	59	58	58	61	66	74	78	81	82	83	83	84	84	80	79	76	74	72	70	62	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						0.63	0.5 (0.5)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 (0.7)	0 (0.2)						
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	W	W	SW	SW	SW	N	N
Wind movement	6	4	5	5	7	6	5	6	4	6	7	7	8	8	7	8	9	5	4	4	6	7	8	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:22; Character, Clear. Moonrise:

Sunset: Time, 5:49; Character, Clear. Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 153

Average hourly velocity, 6.4 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 3:40 P

Reduced barometer, 30.09 7 a. m. 30.02 7 p. m.

River gage, 0.9 feet

Relative humidity, 84 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

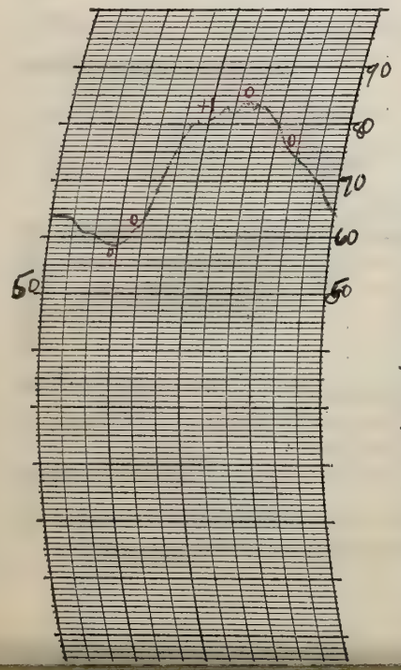
Dry temperature, 81.8 Wet temperature, 67.8

Dew-point, 51 R. humidity, 34 V. pressure, .373

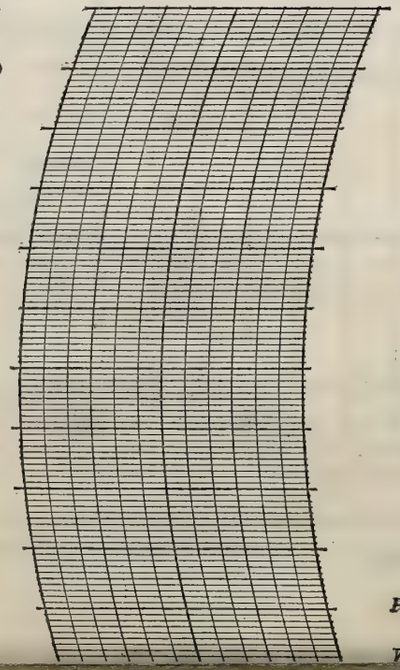
Clouds: Amount, Few; Kind, Cu; Direction, N

Velocity of clouds (miles per hour)

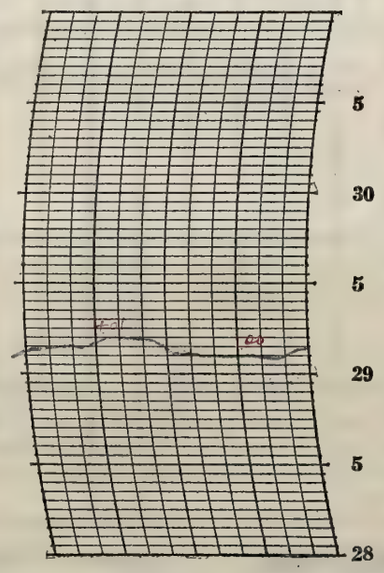
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

Clear, warm beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 17, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	60	60	59	58	60	62	63	62	68	69	70	69	69	67	64	60	57	55	53	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						62 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.78 0						
Wind direction	N	NE	NE	NE	N	N	N	NE	N	N	NE	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	7	8	10	8	9	8	7	9	11	11	11	12	12	11	12	10	9	10	7	6	5	6	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:23 Character, Clear

Moonrise:

Sunset: Time, 5:47 Character, Clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours 12.4 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 100 %

Prevailing wind direction, N Total wind, 209

Average hourly velocity, 8.3 Extreme velocity, 15

Maximum velocity, 15 Direction, N

Time began, 1:58 PM

Reduced barometer, 30.16 7 a. m. 30.19 7 p. m.

River gage, 0.9 feet

Relative humidity, 74 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

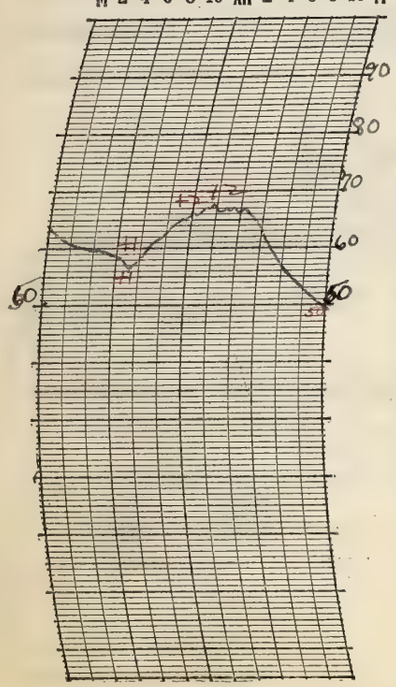
Dry temperature, 67.8 Wet temperature, 52.0

Dew-point, 36 R. humidity, 32 V. pressure, 211

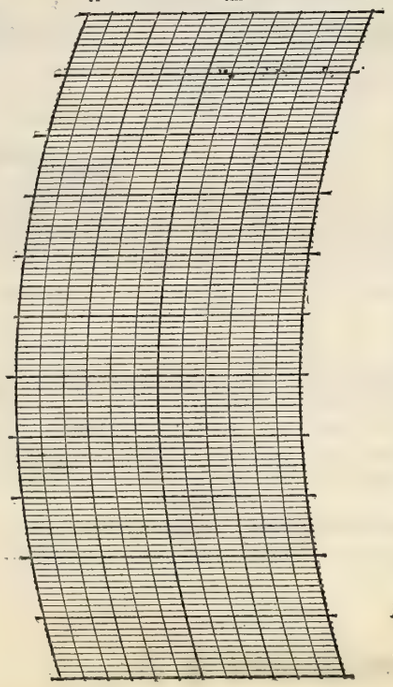
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

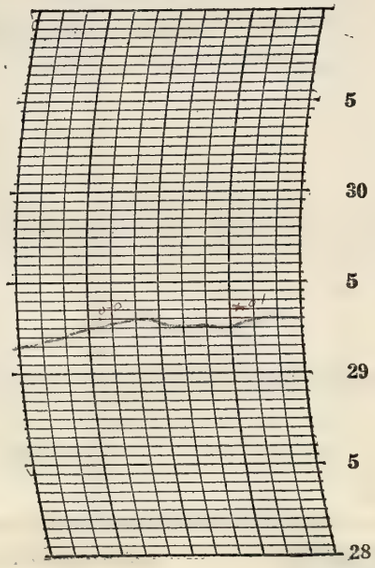
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

8—486

NOTES

Clear, north wind, cool day.
Clear and cool at night.
Coolest night this fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 18, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	47	46	45	48	52	57	59	60	61	63	63	65	64	62	62	59	56	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						.60 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.77 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE
Wind movement	7	7	7	6	7	5	5	6	10	13	16	15	13	13	11	12	14	10	7	5	8	9	11	11

Sunrise: Time, 5:24 Character, Clear
Moonrise:
Sunset: Time, 5:46 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

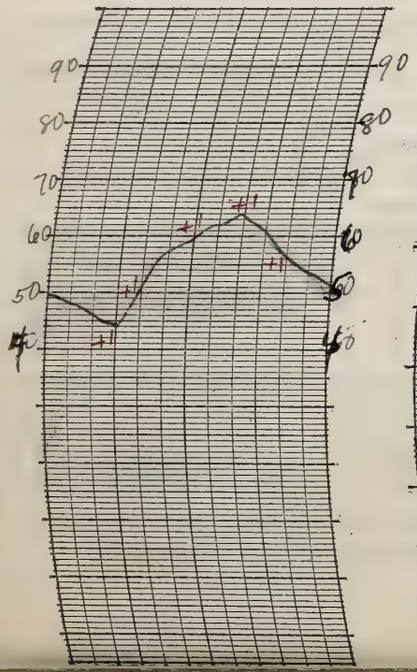
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	45	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100 %
Prevailing wind direction, NE Total wind, 328
Average hourly velocity, 9.5 Extreme velocity, 21
Maximum velocity, 20 Direction, NE
Time began, 10:35 am
Reduced barometer, 30.24 7 a. m. 30.16 7 p. m.
River gage, 0.9 feet
Relative humidity, 87 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.0 Wet temperature, 46.5
Dew-point, 29 R. humidity, 30 V. pressure, .157
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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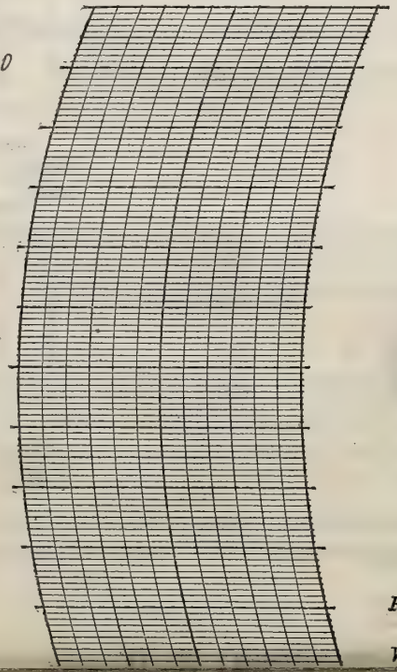
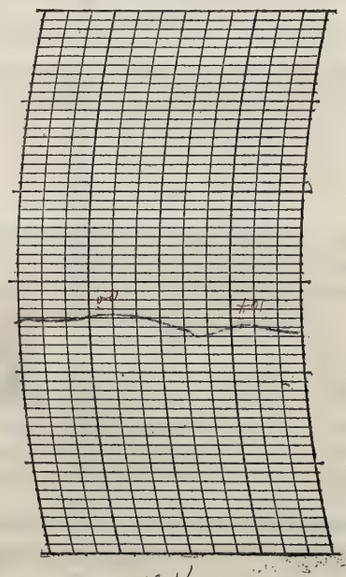


BAROGRAPH.



Prepared by E. L. H.
Verified by E. L. H.

NOTES

Clear in early morning very heavy dew. Clear all day. Clear and cool at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 19, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	48	47	46	46	50	54	59	60	62	63	65	67	67	66	64	62	59	58	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Pt Cloudy						Cloudy					
Sunshine (in tenths of hours)						0	0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	9	8	7	8	7	9	10	10	13	13	13	13	13	11	13	11	9	7	8	7	10	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:26 Character, Cloudy
Moonrise:

Sunset: Time, 5:44 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

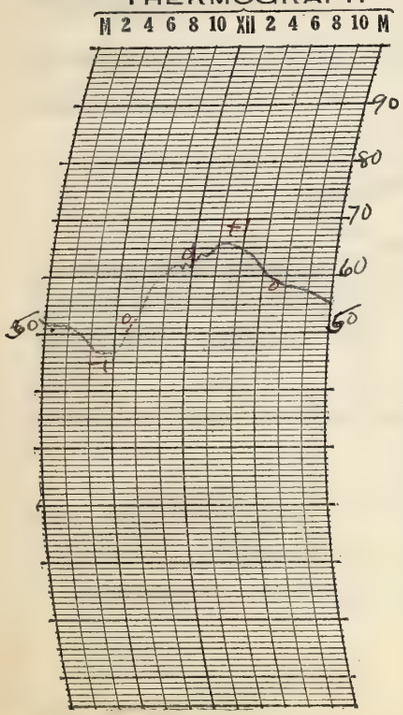
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.5 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 69 %
Prevailing wind direction, NE Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 12:40 am
Reduced barometer, 30.18 7 a. m. 30.16 7 p. m.
River gage, 0.9 feet
Relative humidity, 91 7 a. m. 41 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature 62.8 Wet temperature, 53.3
Dew-point, 44 ~~45~~ R. humidity, 53 V. pressure, .312 ~~.298~~
Clouds: Amount, 5/2; Kind, cst; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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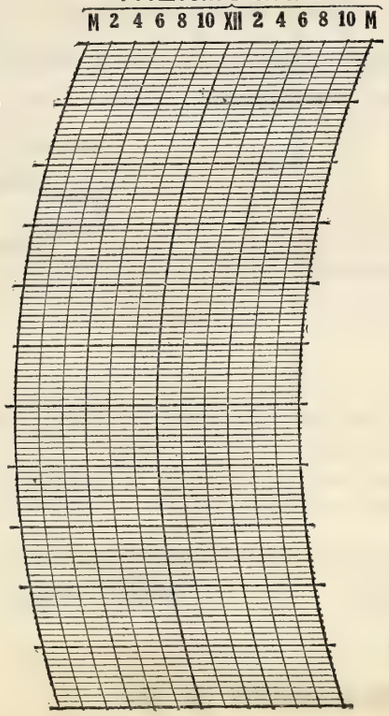

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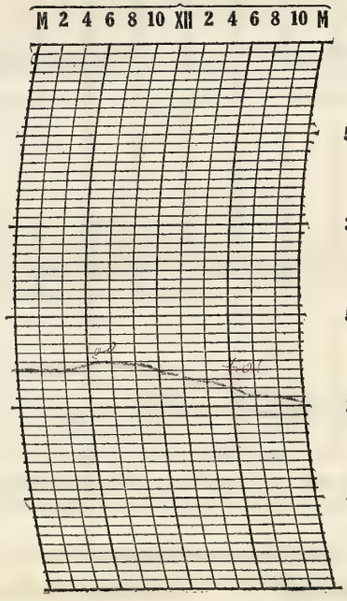


Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Sunshine through thin upper clouds most of the day. Windy and cool. Heavy dew in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 20, 1928

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	52	52	52	53	53	54	54	57	58	60	64	65	67	67	65	64	60	58	58	57	56
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0.2	0.2	0.7	0.9	0.6	0.9	0.4 0.5	0.7 0						
Wind direction	NE	NE	NE	NE	N	N	N	N	N	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	O	W	W	SW	SW
Wind movement	7	8	8	6	5	5	6	6	6	6	9	8	8	7	7	5	3	3	3	0	1	2	5	5

Sunrise: Time, 5:27 Character, Cloudy
Moonrise:

Sunset: Time, 5:42 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

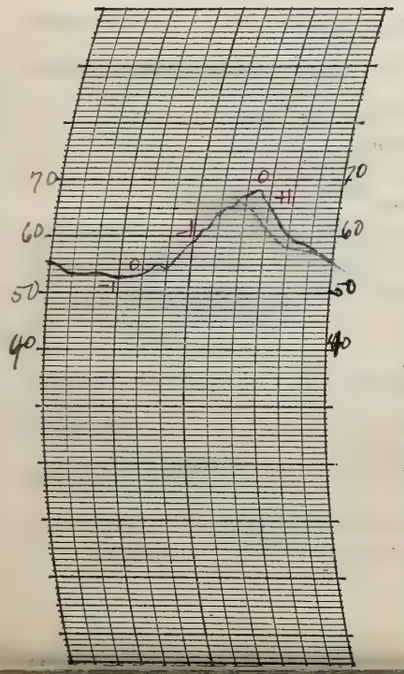
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.1 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 42 %
Prevailing wind direction, NW Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 16 Direction, NW
Time began, 12:18 P.M.
Reduced barometer, 29.94 7 a. m. 29.98 7 p. m.
River gage, 1.1 feet
Relative humidity, 85 7 a. m. 60 7 p. m.

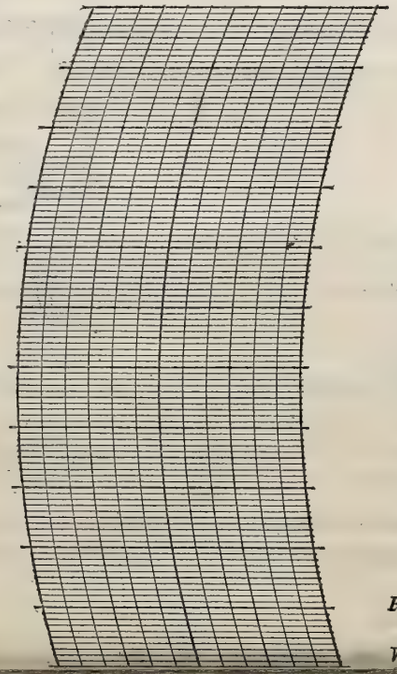
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 53.8
Dew-point, 51 R. humidity, 76 V. pressure, .373
Clouds: Amount, 10; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

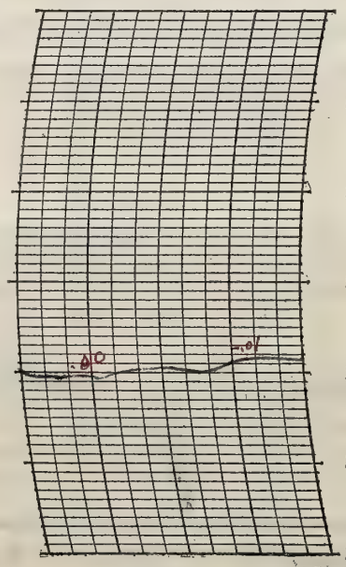
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

NOTES

Cloudy, cold day. Clear nearly all night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 21, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	51	51	56	59	68	71	73	71	64	58	59	59	60	58	55	54	54	52	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Pt. Cloudy												Cloudy					Clear						
Sunrise: Time, 5:27 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 5:41 Character, Clear																								
Moonset:																								
Sunshine (in tenths of hours)						0	0.1	0.7	1.0	1.0	1.0	0.6	0	0	0	0.6	0.4 0.6	0.68 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW
Wind movement	7	9	7	9	8	10	11	12	15	18	14	16	18	16	15	15	11	9	6	5	4	3	3	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

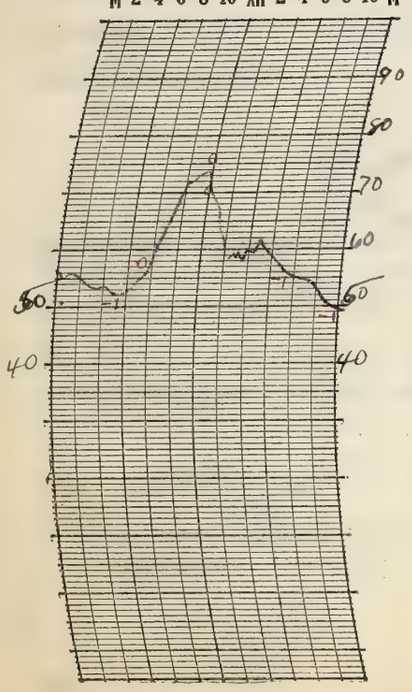
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	48	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.7 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 55%
Prevailing wind direction, SW Total wind, 246
Average hourly velocity, 10.2 Extreme velocity, 28
Maximum velocity, 23 Direction, NW
Time began, 12:18 P.M.
Reduced barometer, 29.97 7 a. m. 30.13 7 p. m.
River gage, 10 feet
Relative humidity, 69 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 60.0
Dew-point, 53 R. humidity, 53 V. pressure, .402
Clouds: Amount, 10; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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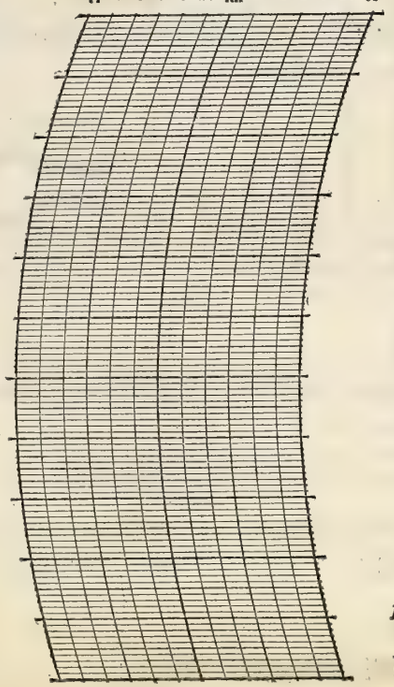
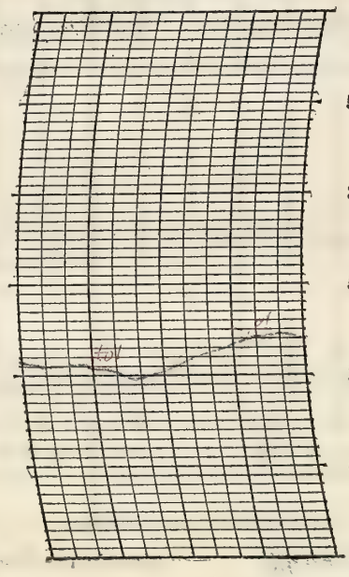


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

Cloudy threatening day until 5 P.M. - then clear into the night. Cool evening and the coldest night this fall.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 22, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	45	45	44	47	54	61	65	66	67	68	71	71	70	67	65	63	63 RB 8:55	63 RE 9:10	62	59	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				T	T			
Cloudiness and other conditions	← Clear →																			← Pt Cldy →				
Sunshine (in tenths of hours)						.53 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	W	W	NW
Wind movement	6	7	7	6	6	7	7	9	10	14	13	13	13	13	14	13	15	12	10	13	13	10	11	15
Maximum velocities (exceeding 28 miles) direction and time																								

Sunrise: Time, 5:28 Character, Clear
Moonrise:
Sunset: Time, 5:39 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

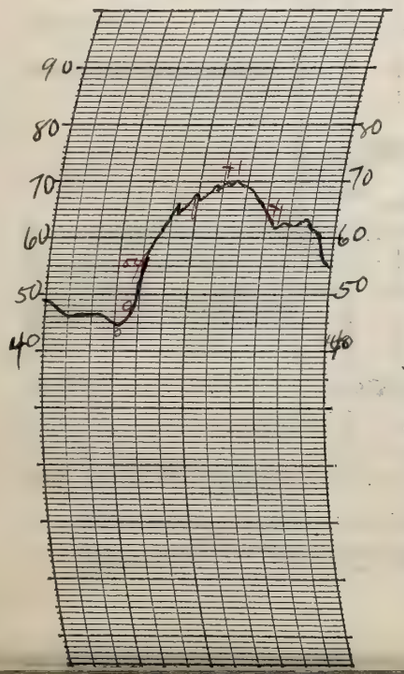
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	44	58	

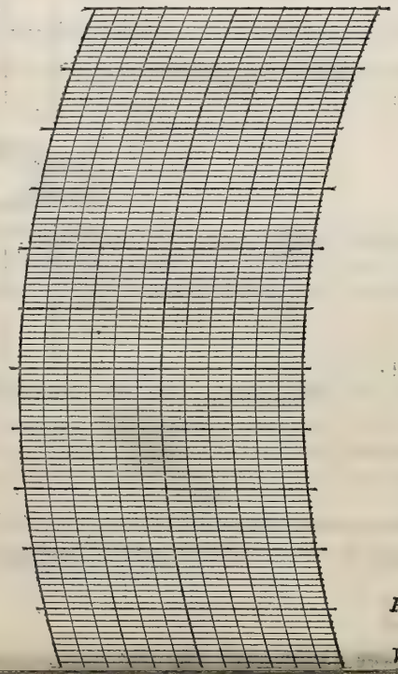
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 11.0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 90
Prevailing wind direction, SW Total wind, 259
Average hourly velocity, 10.8 Extreme velocity, 25
Maximum velocity, 23 Direction, N
Time began, 11:07 p.m.
Reduced barometer, 30.12 7 a. m. 29.86 7 p. m.
River gage, 0.5 feet
Relative humidity, 78 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 67.0 Wet temperature, 52.5
Dew-point, 39 R. humidity, 36 V. pressure, 23.7
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

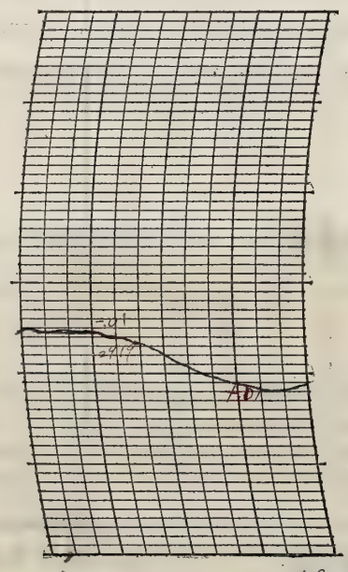
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H. & Cf.

Verified by E.L.H

NOTES

Very cool, clear morning but no frost accurred. Clear until night. Partly cloudy at night. a beautiful fall day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 23, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	50	48	47	46	44	45	49	50	51	51	52
State of weather: Nature of precipitation and time of beginning and ending										RB 9:50 RE 9:58		
Amounts of precipitation										T		
Cloudiness and other conditions	Part Cloudy											
Sunshine (in tenths of hours)						0.52 0	0.5 0	0.7	0.1	0.5	0.6	0.5
Wind direction	NW	NW	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	9	7	8	8	7	6	6	9	10	10	11	13

Sunrise: Time, 5:29 Character, Clear. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	50	49	47	46	45	45	44	42	41
State of weather: Nature of precipitation and time of beginning and ending	RB 12:07 RE 12:18				RB 4:08 RE 4:16							
Amounts of precipitation	T				T							
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	0.2	0.8	0.6	0.1	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W
Wind movement	11	16	19	18	13	12	10	9	9	9	7	7

Sunset: Time, 5:37 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	41	48	

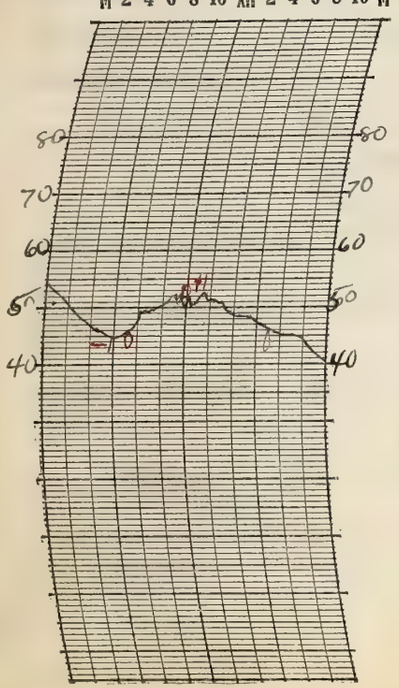
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 42
Prevailing wind direction, NW Total wind, 244
Average hourly velocity, 10.2 Extreme velocity, 29
Maximum velocity, 23 Direction, NW
Time began, 2:40 p.m.
Reduced barometer, 29.93 7 a. m. 29.97 7 p. m.
River gage, 0.4 feet
Relative humidity, 80 7 a. m. 59 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 52.0 Wet temperature, 45.0
Dew-point, 37 R. humidity, 58 V. pressure, .212
Clouds: Amount, 6; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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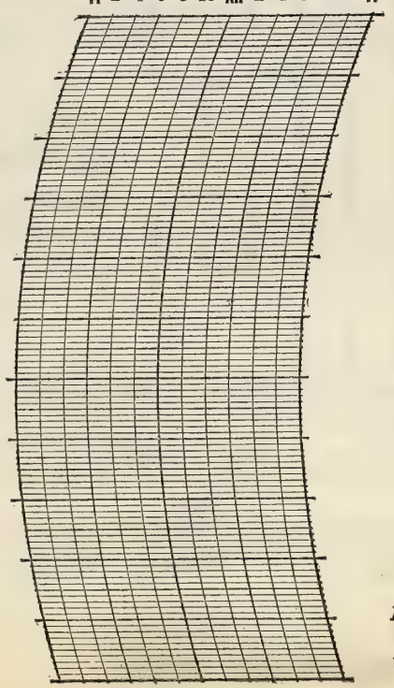
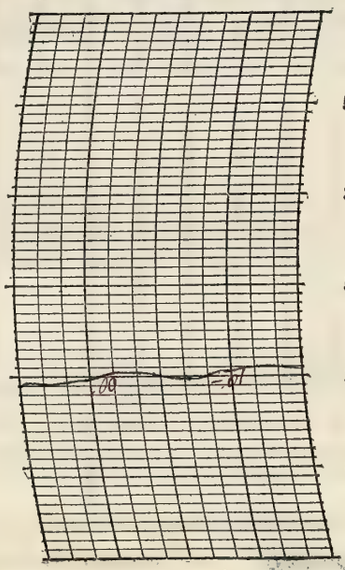


BAROGRAPH.



Prepared by E.H.

Verified by E.L.H.

8—486

NOTES

It was a partly cloudy, cold day with a few very light sprinkles in both the morning and the afternoon. Cold at night.

Frost warning issued for Monday morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 24, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	38	37	36	34	35	45	49	52	54	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear					Pt Cldy	
Sunshine (in tenths of hours)						0.50 0	1.0 0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	SW	SW	W	SW	SW	SW	SW
Wind movement	10	10	8	7	6	7	8	6	10	10	10	10

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	55	53	50	50	50	49	48	46	46
State of weather: Nature of precipitation and time of beginning and ending					RB 4:10 RE 4:20		RB 6:00 RE 6:30					
Amounts of precipitation					T		T					
Cloudiness and other conditions			Cloudy						Pt Cldy	Clear		
Sunshine (in tenths of hours)	0.2	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	W	W	SW	W	W	W	SW	W
Wind movement	15	16	15	12	13	13	13	12	10	10	9	8

Sunrise: Time, 5:30 Character, Clear
Moonrise:
Sunset: Time, 5:36 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

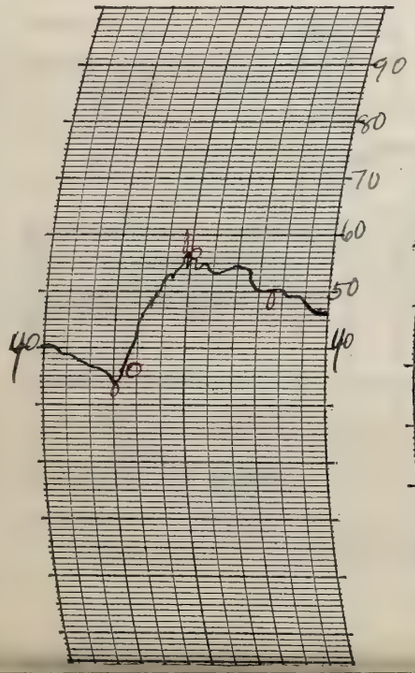
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	34	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 60
Prevailing wind direction, SW & W Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 2:10 p.m.
Reduced barometer, 30.01 7 a. m. 29.86 7 p. m.
River gage, 0.4 feet
Relative humidity, 70 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 55.8 Wet temperature, 41.9
Dew-point, 23 R. humidity, 26 V. pressure, .118
Clouds: Amount, 2; Kind, ~~Cu~~ Cu St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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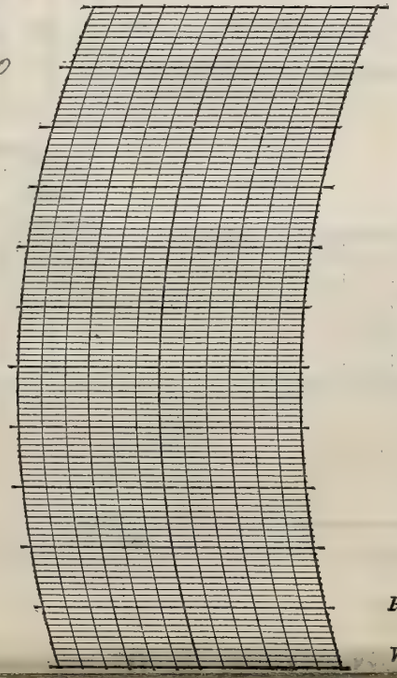
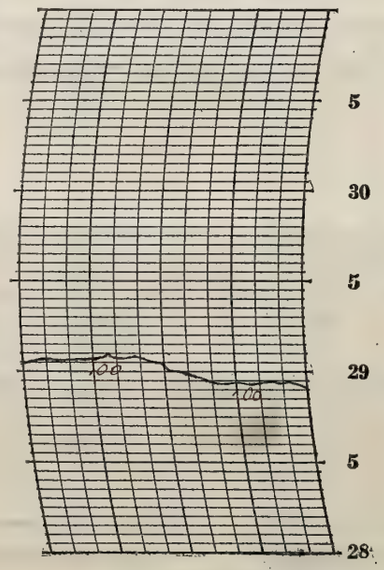


BAROGRAPH.



Prepared by

Verified by E. L. H

NOTES

A clear, cold morning. This is the first time since Sept 23, 1913 that the temperature has been so low in September. A general frost occurred. The heavy frost killed the tomatoes and flowers, also most of the garden truck.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 25, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	42	43	42	40	41	46	51	52	52	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					→ Pt Cldy		→
Sunshine (in tenths of hours)						0.48 0	0.8 0	0.7	1.0	1.0	0.8	0.4
Wind direction	W	SW	SW	W	SW	SW	SW	W	W	W	W	W
Wind movement	7	9	9	8	8	9	9	8	12	18	21	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	43	44	45	44	44	43	42	40	39	37
State of weather: Nature of precipitation and time of beginning and ending	RB 12:04 RE 12:12	RB 1:02 RE 1:15	RB 2:15 RE 2:25 RB 2:55	RE 3:10								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions			← Cloudy				→ Pt Cldy		→ Clear			→
Sunshine (in tenths of hours)	0.1	0.4	0.2	0.1	0.2	0						
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	SW
Wind movement	16	16	17	13	12	7	6	7	5	3	3	4

Sunrise: Time, 5:31 Character, Clear

Moonrise:

Sunset: Time, 5:34 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.2 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 52

Prevailing wind direction, W Total wind, 276

Average hourly velocity, 10.2 Extreme velocity, 29

Maximum velocity, 26 Direction, NW

Time began, 10:13 a.m.

Reduced barometer, 29.84 7 a. m. 30.06 7 p. m.

River gage, 0.7 feet

Relative humidity, 92 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

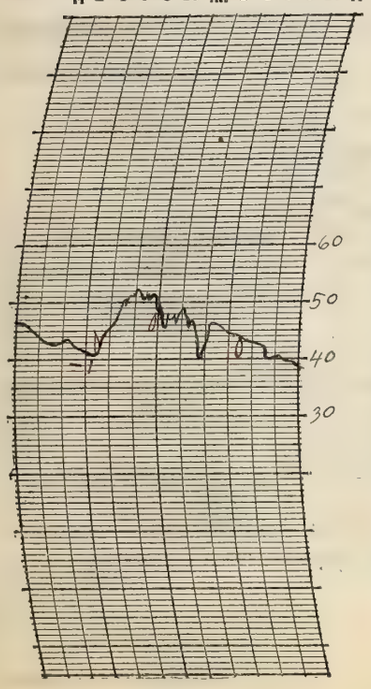
Dry temperature, 48.1 Wet temperature, 40.2

Dew-point, 30 R. humidity, 49 V. pressure, .164

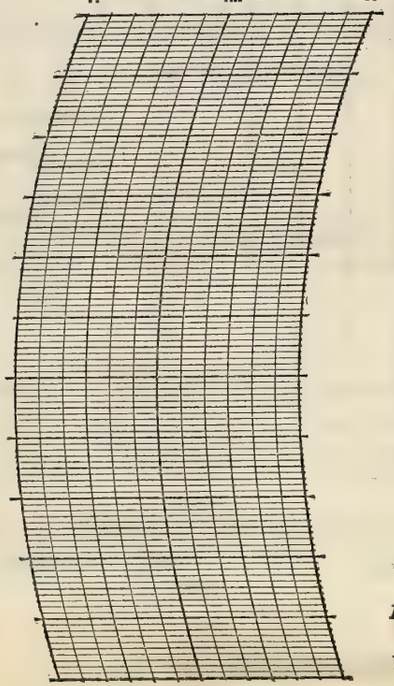
Clouds: Amount, 10; Kind, stra; Direction, NW.

Velocity of clouds (miles per hour)

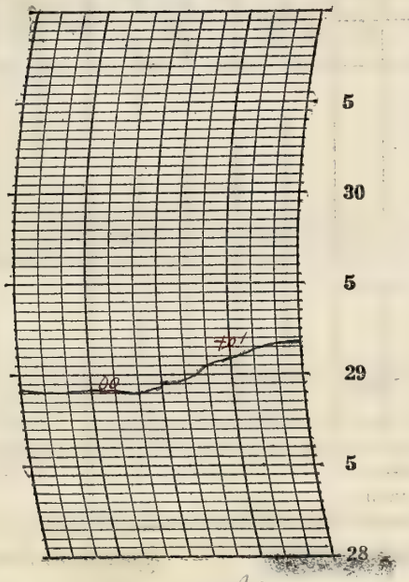
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

8—486

NOTES

There was a light frost in the lowlands. It was a clear, cold morning but unsettled with a few light showers in the afternoon.

There was no damage from the light frost.

Frost warning issued for Wednesday morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 26, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	34	33	32	32	34	42	45	49	51	50	53	54	55	54	53	52	50	49	48	46	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Part	Cloudy				×	Clear				×		Pt	Cloudy					→
Sunrise: Time, 5:32 Character, Clear																								
Moonrise:																								
Sunset: Time, 5:32 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0.47 0	0.7 0	0.2	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	5	3	7	7	7	5	8	5	6	11	11	11	13	12	13	11	10	5	5	6	6	6	8	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

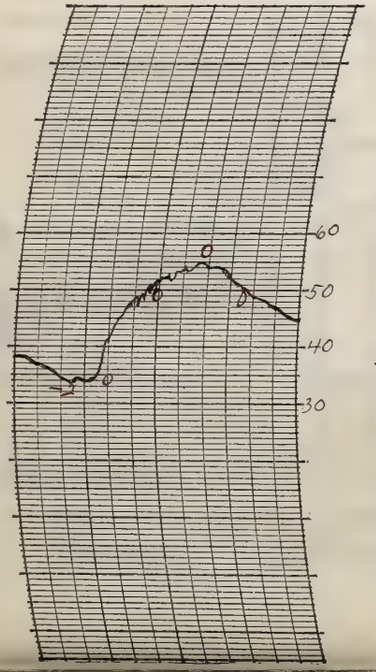
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.6 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 80
Prevailing wind direction, SW & W Total wind, 182
Average hourly velocity, 7.8 Extreme velocity, 20
Maximum velocity, 17 Direction, NW
Time began, 2:29 p.m.
Reduced barometer, 30.14 7 a. m. 30.06 7 p. m.
River gage, 1.1 feet
Relative humidity, 80 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.2 Wet temperature, 40.2
Dew-point, 22 R. humidity, 39 V. pressure, .143
Clouds: Amount, —; Kind, —; Direction, —
Velocity of clouds (miles per hour)

THERMOGRAPH



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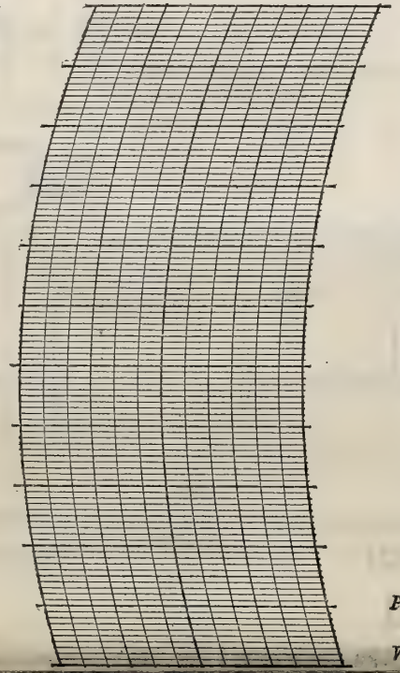
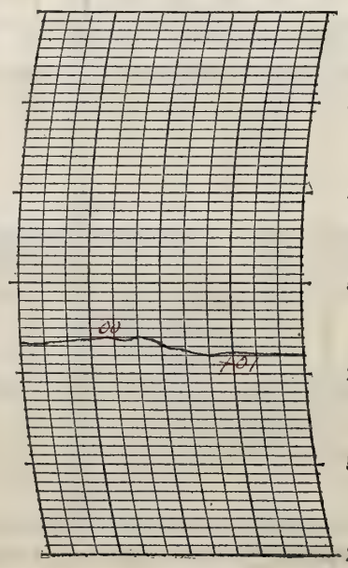


BAROGRAPH.



Prepared by H
Verified by E.L.H.

NOTES

There was a general killing frost occurring in the early morning with a temperature of 32°. This is the first time that a temperature of 32° or lower occurred in September. The day as a whole was mostly clear and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) ~~September~~ 27, 1928

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	41	40	41	46	48	52	55	57	57	59	59	60	60	59	56	55	54	51	49	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear		Pt. Cldy					Clear				→
Sunshine (in tenths of hours)						0.45 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	0.50 0						
Wind direction	W	W	SW	SW	SW	SW	W	W	W	W	NW	NW	W	NW	NW	NW	NW	NW	NW	W	W	W	W	W
Wind movement	6	5	6	10	11	9	8	12	13	15	15	14	16	17	17	15	14	6	6	5	4	5	4	4

Sunrise: Time, 5:33 Character, Clear

Moonrise:

Sunset: Time, 5:30 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 100

Prevailing wind direction, W Total wind, 237

Average hourly velocity, 9.9 Extreme velocity, 21

Maximum velocity, 20 Direction, NW

Time began, 1:01 p.m.

Reduced barometer, 30.04 7 a. m. 30.03 7 p. m.

River gage, 1.1 feet

Relative humidity, 68 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

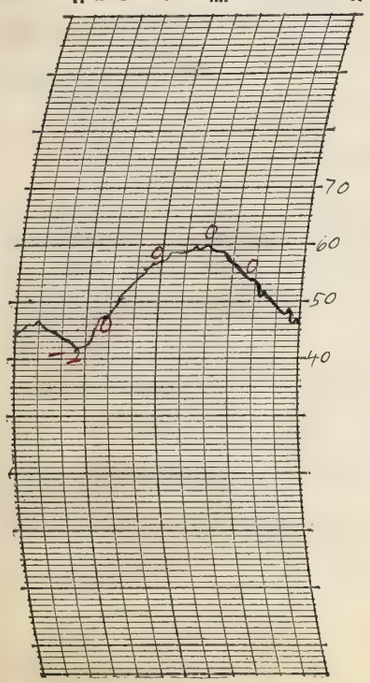
Dry temperature, 57.0 Wet temperature, 45.7

Dew-point, 33 R. humidity, 40 V. pressure, 18.7

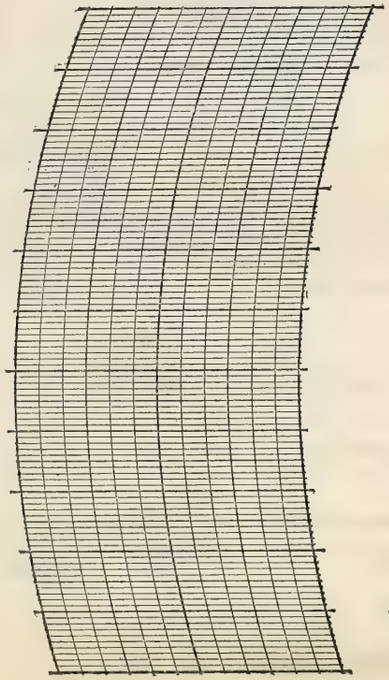
Clouds: Amount, Few; Kind, cu.; Direction, NW

Velocity of clouds (miles per hour)

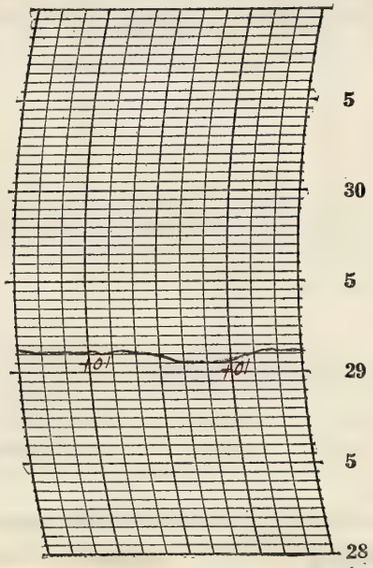
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A clear beautiful morning becoming partly cloudy and windy in the afternoon. Pleasant at night

Frost warning issued

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 28, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	39	38	43	47	55	60	60	60	63	62	62	61	60	58	57	53	50	46	45	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cloudy								X				Cloudy				→			
Sunrise: Time, 5:35 Character, Clear																					Sunset: Time, 5:28 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.4 0.2 0	1.0 0	0.6 0.1	0.4	1.0	1.0	0.8	1.0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	SW	SW	W	W	W	W	W	W	NW	W	W	W	W	SW	SW	W
Wind movement	1	3	4	3	4	4	2	2	3	4	7	5	7	8	6	6	3	6	4	8	7	7	7	5
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	38	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 53
Prevailing wind direction, W Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 7:39 P.M.
Reduced barometer, 30.08 7 a. m., 30.04 7 p. m.
River gage, 0.2 feet
Relative humidity, 74 7 a. m. 47 7 p. m.

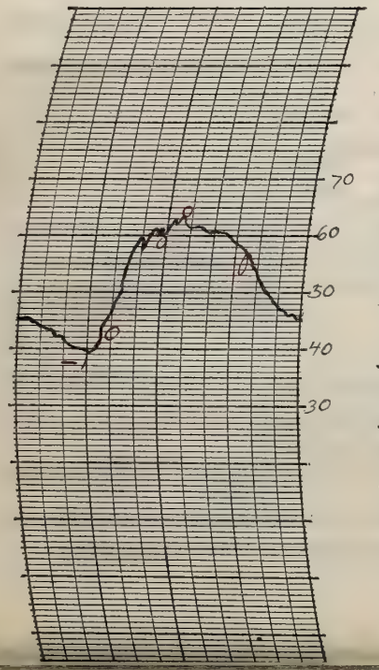
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 60.3 Wet temperature, 47.2
Dew-point, 32 R. humidity, 35 V. pressure, .180
Clouds: Amount, 6 ; Kind, Cu ; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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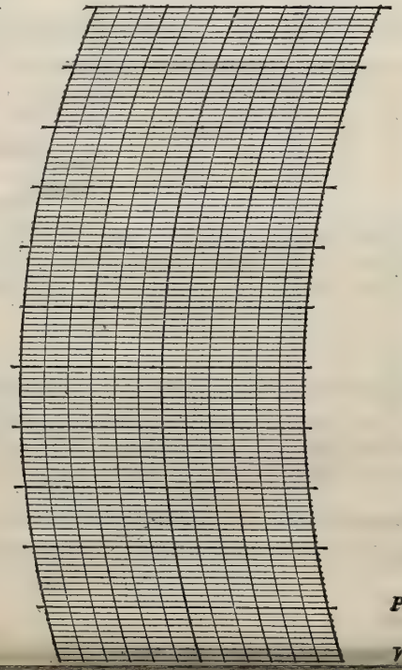
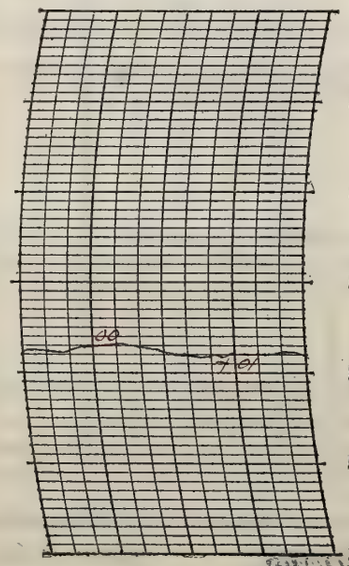


BAROGRAPH.



Prepared by EJ

Verified by E.L.H

NOTES

Heavy frost
There was a light haze in the early morning and it was also smoky.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 29, 1928

Time (local standard) 90 mer. normal time

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	46	46	46	47	50	54	57	58	60	63	64	64	64	62	59	58	54	52	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Fog						Part		Cloudy											→
Sunshine (in tenths of hours)						0	0	0	0	0.9	0.2	1.0	1.0	1.0	1.0	1.0	0	0						
Wind direction	W	W	W	N	N	N	SW	SW	SW	SW	S	SE	E	SE	E	NE	NE	N	NE	NE	N	N	N	N
Wind movement	4	4	2	3	3	2	4	3	2	4	3	3	4	4	3	4	6	5	5	5	4	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:26 Character, Cloudy
Moonrise:

Sunset: Time, 5:27 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

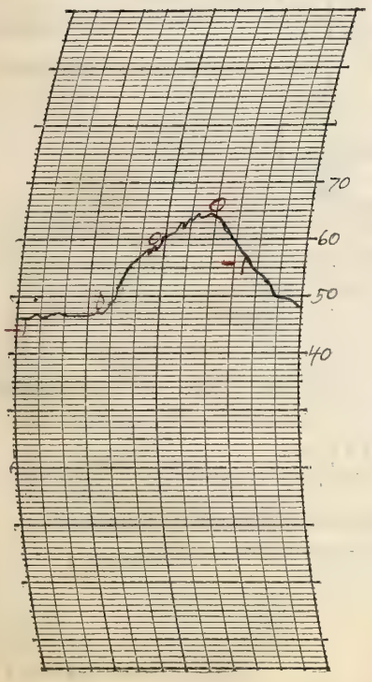
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	45	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.1 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 52
Prevailing wind direction, N Total wind, 88
Average hourly velocity, 3.7 Extreme velocity, 8
Maximum velocity, 9 Direction, NE
Time began, 4:01 pm
Reduced barometer, 30.00 7 a. m. 29.97 7 p. m.
River gage, 0.8 feet
Relative humidity, 77 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.9 Wet temperature, 48.9
Dew-point, 38 R. humidity, 44 V. pressure, .225
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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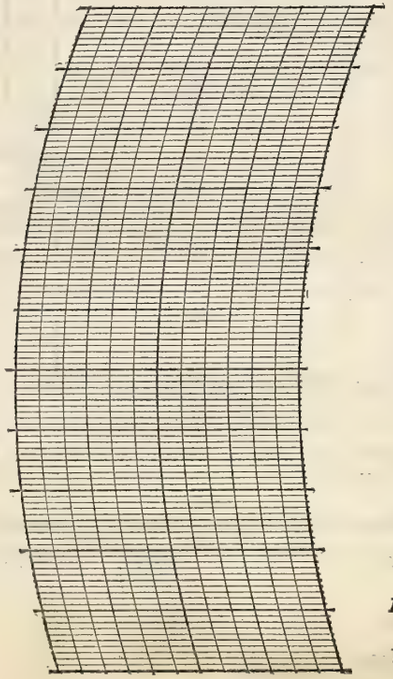
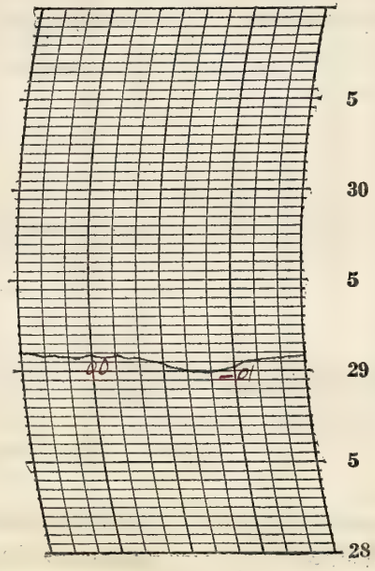


BAROGRAPH.



Prepared by EH
Verified by E.T.H.

8—486

NOTES

Light fog 4:30 a.m. – 6:35 a.m.

City resumes standard time at midnight on the last Saturday in September in compliance with city ordinance 1408.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 29, 1928

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	42	43	41	41	44	51	57	60	62	66	67	67	66	66	65	64	62	58	55	55	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear												→
Sunshine (in tenths of hours)						0.38 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	1.0 0	0.42 0						
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	SE	E	NE	NE	E	E	SE	SE	SE	SE	SE	SE
Wind movement	3	3	4	7	4	2	2	6	6	7	5	4	4	3	3	4	3	2	2	3	3	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:37 Character, Clear
Moonrise: ____ ____

Sunset: Time, 5:25 Character, Clear
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

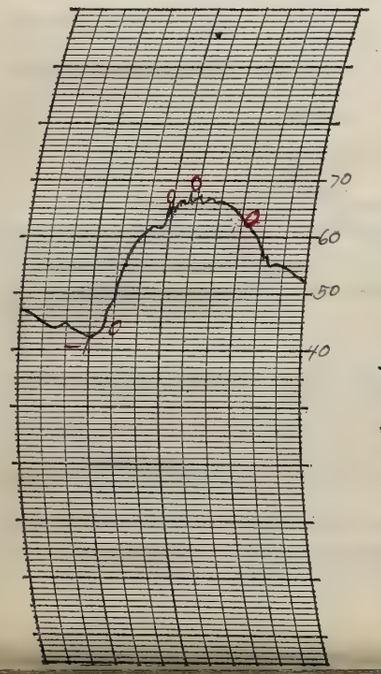
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 11.8 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 100
Prevailing wind direction, NNE, SE Total wind, 98
Average hourly velocity, 4.1 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 9:14 ____ a.m.
Reduced barometer, 30.06 7 a. m. 29.98 7 p. m.
River gage, 0.9 feet
Relative humidity, 78 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 66.3 Wet temperature, 50.8
Dew-point, 35 R. humidity, 31 V. pressure, .203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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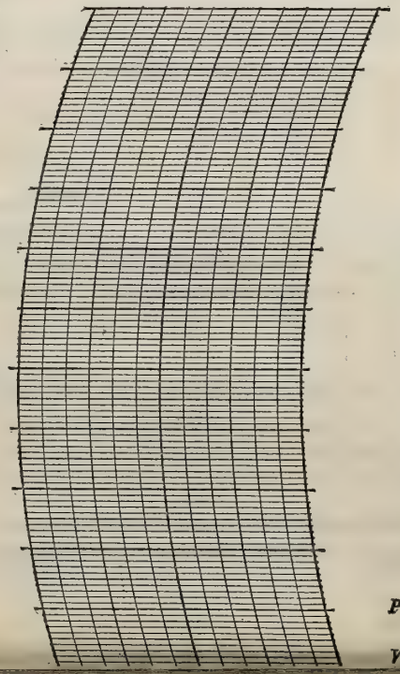
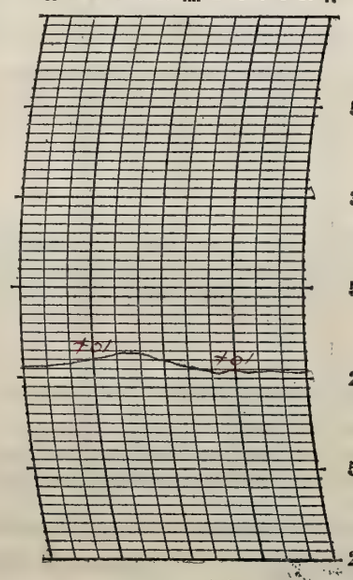


BAROGRAPH.



Prepared by [signature]
Verified by [signature]

NOTES

Form No. 1014—Met 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 1 1928, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	46	45	50	58	64	67	68	70	69	68	68	68	67	66	64	63	61	58	57	57
State of weather: Nature of precipitation and time of beginning and ending																					RB 8:15		RE 10:15	RB DNp
Amounts of precipitation																					T	T	T	.01
Cloudiness and other conditions					← Pt Cloudy					X			Cloudy											→
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0	0.3	0	0	0	0	0						
Wind direction	SE	SE	S	S	S	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	S	SW
Wind movement	6	5	3	3	1	2	5	8	10	15	16	15	15	12	11	10	5	7	6	7	10	8	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:38 Character, Cloudy
Moonrise:

Sunset: Time, 5:23 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

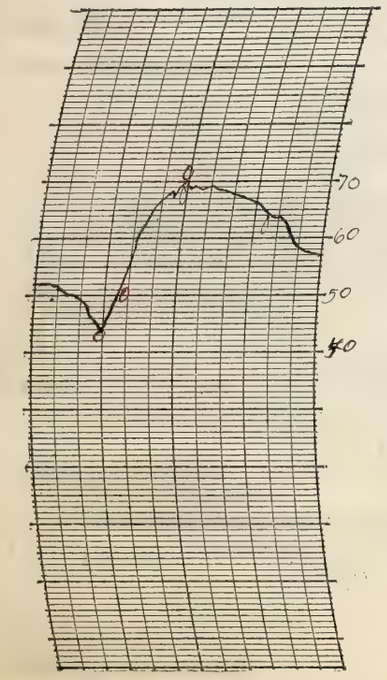
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	44	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.6 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 39
Prevailing wind direction, SW Total wind, 196
Average hourly velocity, 8.2 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 11:41 a.m.
Reduced barometer, 29.98 7 a. m., 29.92 7 p. m.
River gage, 0.9 fall
Relative humidity, 84 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.2 Wet temperature, 54.2
Dew-point, 41 R. humidity, 35 V. pressure, .256
Clouds: Amount, 9; Kind, a st.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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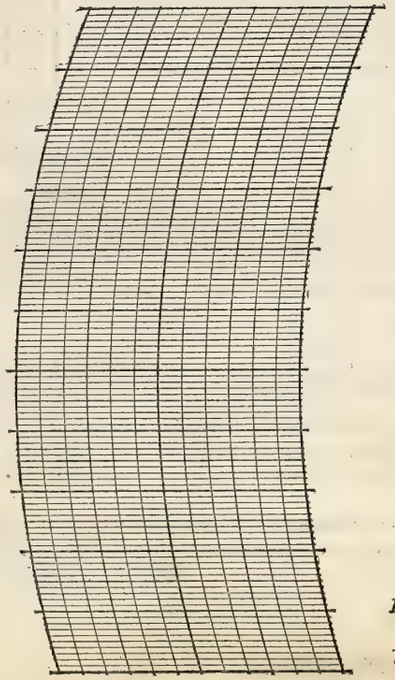

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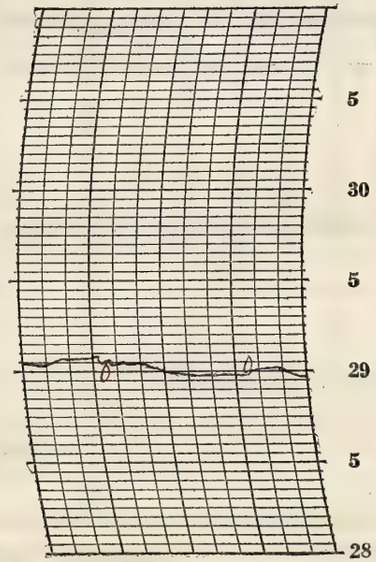


Prepared by E. J.
Verified by E. L. H.

NOTES

It became cloudy during the day and a light sprinkle fell in the late evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 2 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	57	57	57	57	57	58	60	62	65	70
Nature of precipitation and time of beginning and ending					RE 4:50							
Amounts of precipitation	.03	.08	.10	.01	.01							
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)						0	0	0	0	0.7	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW
Wind movement	10	12	12	7	8	7	5	5	5	6	5	4

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	74	74	73	71	70	68	66	61	60	59	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Part Cloudy →							
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.4	0	0						
Wind direction	NW	NW	W	W	W	W	O	S	S	SE	SE	SE
Wind movement	5	5	6	4	3	1	0	1	2	3	2	2

State of weather.

Sunrise: Time, 5:39 Character, Cloudy
Moonrise:

Sunset: Time, 5:22 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

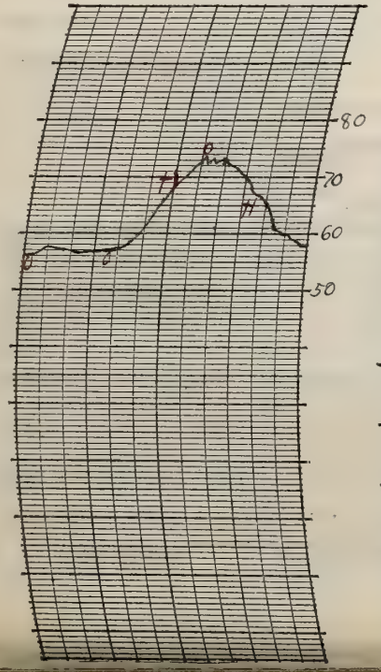
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	56	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.24 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .23 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.9 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 50
Prevailing wind direction, W & SW Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 2:04 a. m.
Reduced barometer, 29.94 7 a. m. 29.98 7 p. m.
River gage, 0.8 feet
Relative humidity, 97 7 a. m. 68 7 p. m.

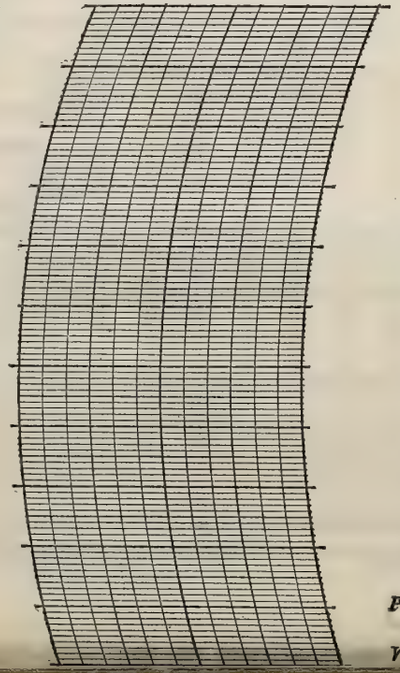
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 60.9
Dew-point, 55 R. humidity, 60 V. pressure, .432
Clouds: Amount, 3; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

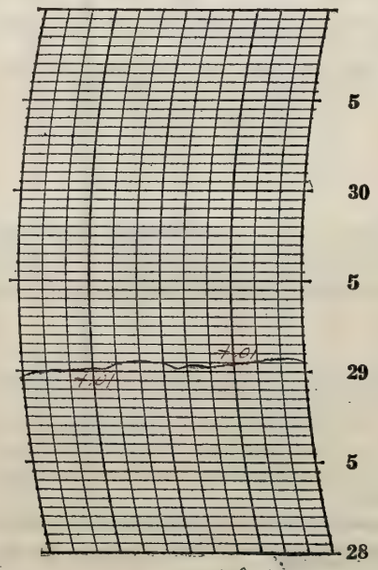
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A rain fell in the early morning. The sky was completely overcast but became part cloudy during the day and the brightest stars were visible in the evening.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 3 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	57	55	55	56	59	61	63	67	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Dense Fog			✗	Light	Fog	→ Cloudy	
Sunrise: Time, Character, Moonrise:	Sunrise: 5:40 Foggy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.5
Wind direction	SE	S	S	S	S	S	S	S	SE	SE	SE	SE
Wind movement	2	3	1	2	3	2	2	4	4	4	4	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	73	73	69	68	68	67	66	65	65	65
State of weather: Nature of precipitation and time of beginning and ending				RB 3:40 RE 3:55p	RB 4:16 RE 4:25							
Amounts of precipitation				T	.10							
Cloudiness and other conditions												→
Sunset: Time, Character, Moonset:									Sunset: 5:20 Cloudy			
Sunshine (in tenths of hours)	0.3	0.4	0.2	0	0.2	0						
Wind direction	S	S	S	S	S	SW	SW	SW	S	S	S	SW
Wind movement	7	8	10	7	5	8	9	8	6	6	7	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

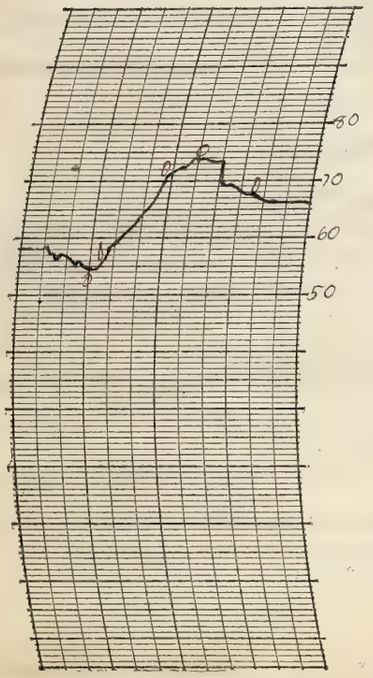
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, 0.10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.8 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 15
Prevailing wind direction, S Total wind, 122
Average hourly velocity, 5.1 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 6:38 p.m.
Reduced barometer, 30.02 7 a. m. 30.03 7 p. m.
River gage, 0.8 feet
Relative humidity, 97 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 66.2
Dew-point, 64 R. humidity, 79 V. pressure, .595
Clouds: Amount, 9; Kind, Stratus; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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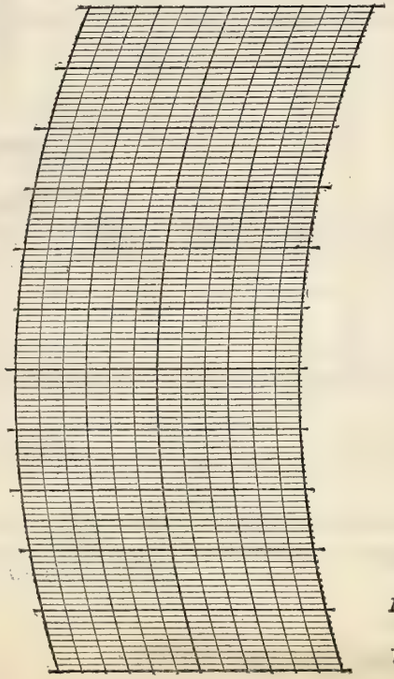
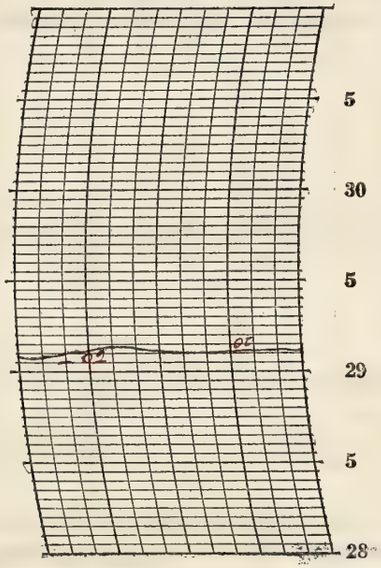


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

It was quite foggy in the morning with a dense fog beginning at 4:20 a.m. and continuing till 7:45 a.m. when the fog became light and ending by 11:00 a.m. There were several light showers shortly after mid afternoon and in the evening some of the stars were visible between the clouds. A very heavy dew fell in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 4 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	64	64	64	65	65	67	69	70	69	72	75
State of weather: Nature of precipitation and time of beginning and ending		RA DN2 RE DN2								RB 9:31 RE 9:40		
Amounts of precipitation		T								.01		
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, 5:41 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0.1	0	0.1	0.4
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	5	6	6	6	6	6	6	8	10	8	11	10
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	79	79	77	75	73	71	70	70	70	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		× Pt Cloudy					× Clear ×		← Cloudy →			
Sunset: Time, 5:19 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.5	0.6	0.8	0.7	0	0						
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW
Wind movement	12	12	13	13	12	9	10	12	11	13	13	14
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 28
Prevailing wind direction, S Total wind, 232
Average hourly velocity, 9.7 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 3:52 p.m.
Reduced barometer, 30.02 7 a. m. 29.87 7 p. m.
River gage, 0.9 feet
Relative humidity, 90 7 a. m. 77 7 p. m.

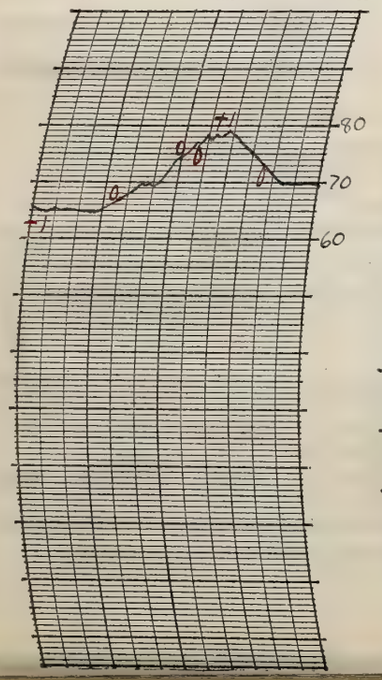
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.1 Wet temperature, 68.2
Dew-point, 65 R. humidity, 70 V. pressure, .616
Clouds: Amount, 10; Kind, su; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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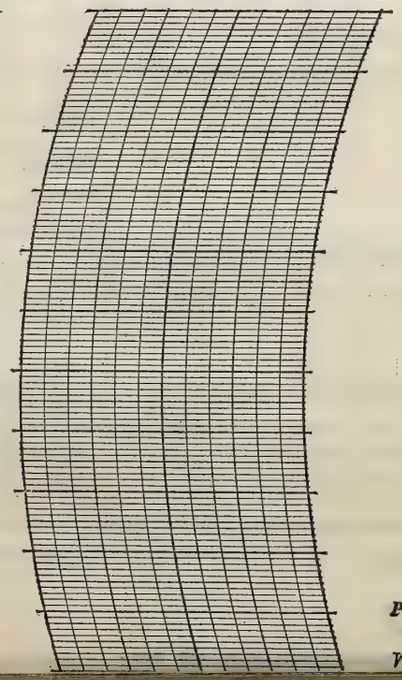
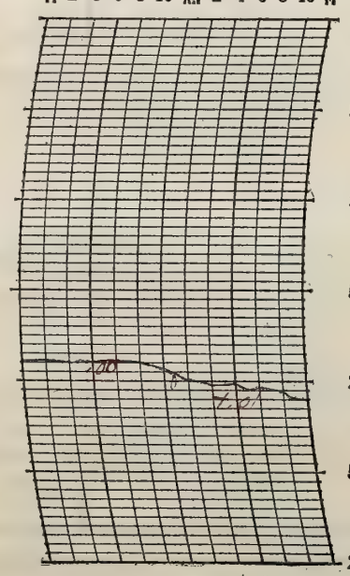


BAROGRAPH.



Prepared by CJS
Verified by E.L.H

NOTES

Special observation requested by Chicago

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 5 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	66	65	66	65	65	67	68	68	68	68	68	68	68	68	66	63	61	60	58	54	52	52
State of weather: Nature of precipitation and time of beginning and ending		RB DNG			RE 4:40																			
Amounts of precipitation		.25	.07	.06	.02																			
Cloudiness and other conditions					Cloudy				×	Pt Cldy	×		Clear											
Sunshine (in tenths of hours)						0	0	0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.28 0						
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	15	18	15	8	9	13	10	12	12	17	17	16	17	16	16	15	10	6	5	4	2	3	4	2

Sunrise: Time, 5:42 Character, Cloudy
Moonrise:
Sunset: Time, 5:17 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

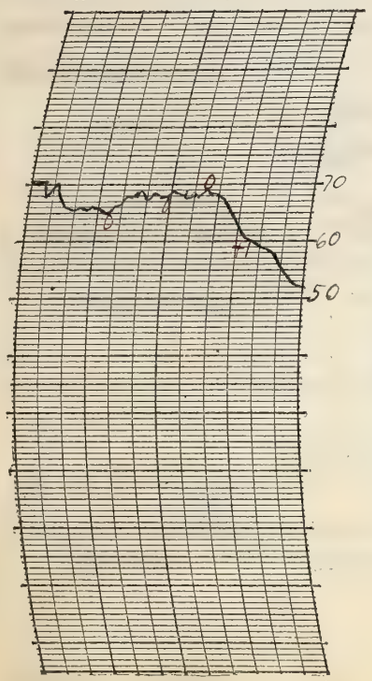
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	52	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.40 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .40 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.3 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 72
Prevailing wind direction, NW Total wind, 262
Average hourly velocity, 10.9 Extreme velocity, 27
Maximum velocity, 24 Direction, S
Time began, 2:19 a.m.
Reduced barometer, 29.82 7 a. m. 30.14 7 p. m.
River gage, 0.9 feet
Relative humidity, 91 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.1 Wet temperature, 59.1
Dew-point, 53 R. humidity, 59 V. pressure, .422
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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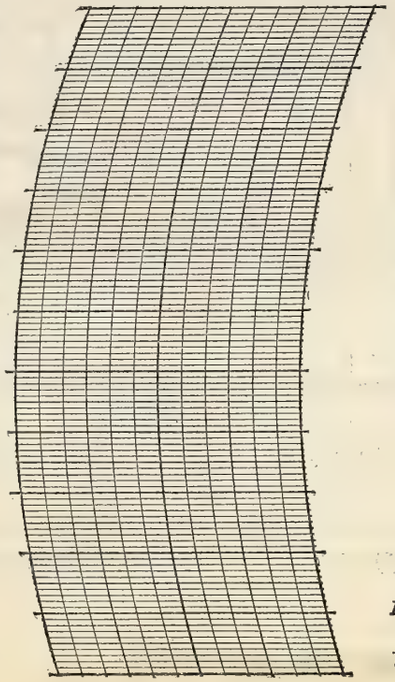
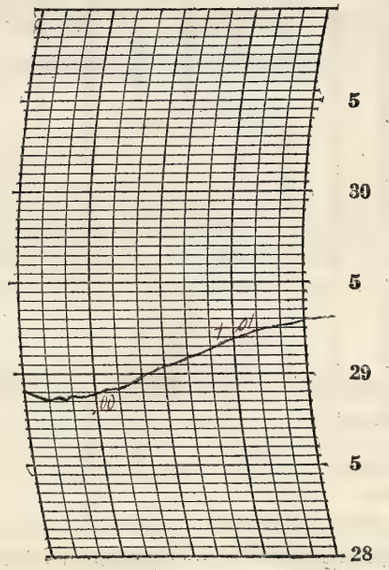


BAROGRAPH.



Prepared by E.S.
Verified by E.L.H.

NOTES

Cloudy and threatening until about noon, then it cleared. A beautiful afternoon, with a clear night and much cooler.

Rain fell in the early morning with thunder first heard at 1:00 a.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 6 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	49	47	48	51	56	61	66	70	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←							Clear
Sunshine (in tenths of hours)						0.28 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	SW	SW	SW	SW	S	SW	SW	SW
Wind movement	3	4	4	4	7	4	5	8	10	13	13	12

Sunrise: Time, 5:43 Character, Clear
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	77	77	77	73	72	69	66	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 0.1	0.25 0						
Wind direction	W	W	W	W	W	W	WNW	N	N	N	NNW	W
Wind movement	14	16	14	13	10	6	8	7	3	3	2	2

Sunset: Time, 5:15 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

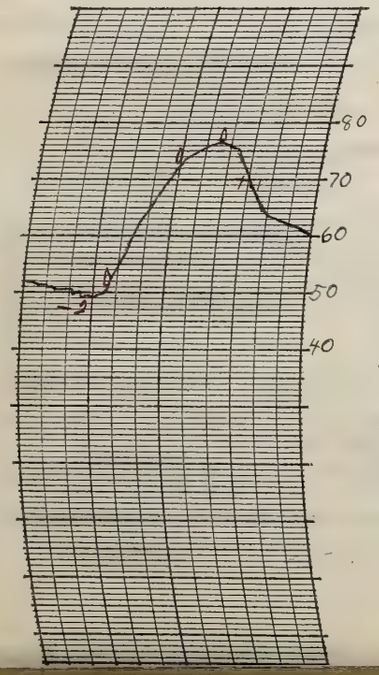
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	47	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 185
Average hourly velocity, 7.7 Extreme velocity, 23
Maximum velocity, 20 Direction, SW
Time began, 1:44 p.m.
Reduced barometer, 30.25 7 a. m. 30.10 7 p. m.
River gage, 0.8 feet
Relative humidity, 66 7 a. m. 40 7 p. m.

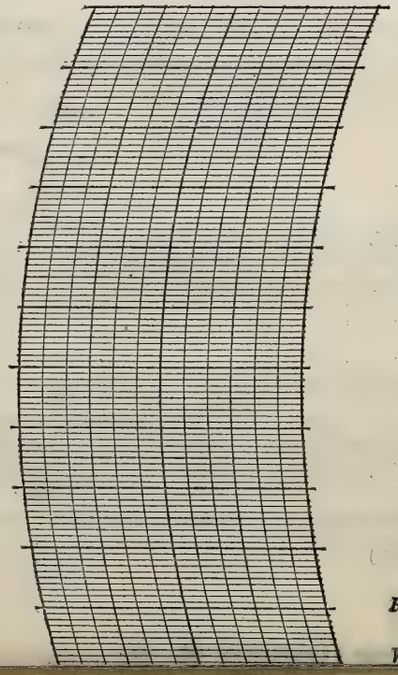
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.2 Wet temperature, 54.2
Dew-point, 36 R. humidity, 26 V. pressure, .211
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

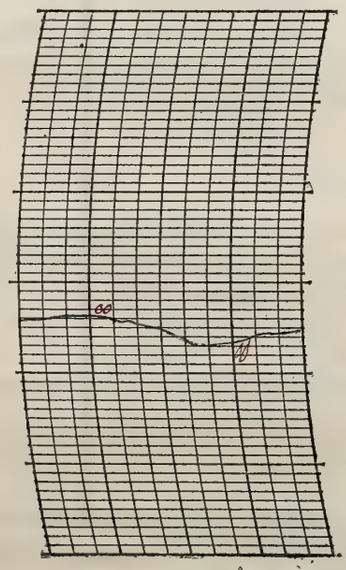
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H.
Verified by E. O. H.

NOTES

Clear beautiful morning. Clear pleasant day. A real warm day after a cool morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 7 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	55	53	52	50	52	56	59	62	63	66	67	69	67	69	68	65	61	57	55	53	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunrise: Time, 5:44 Character, Clear																					Sunset: Time, 5:44 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.27 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.23 0						
Wind direction	NW	NW	NW	N	N	N	N	NE	E	E	NE	E	NE	NE	E	SE	E	E	E	E	E	E	E	SE
Wind movement	2	4	3	5	3	4	4	6	7	8	7	5	4	3	3	3	3	4	5	6	5	6	6	5
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

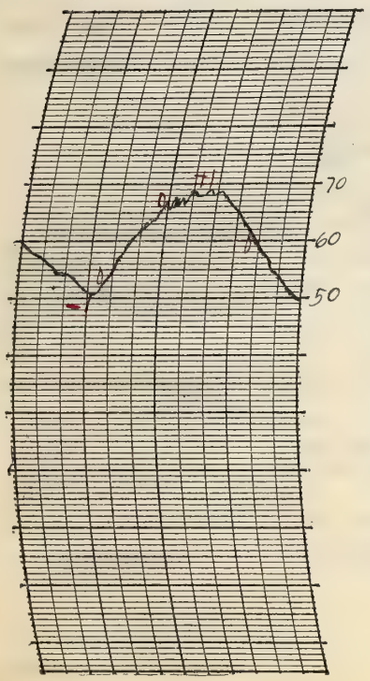
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 111
Average hourly velocity, 7.6 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 10:03 a.m.
Reduced barometer, 30.23 7 a. m. 30.15 7 p. m.
River gage, 0.8 feet
Relative humidity, 72 7 a. m. 39 7 p. m.

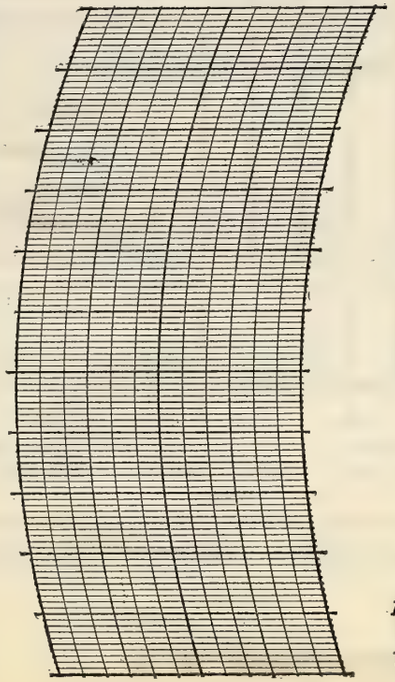
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.2 Wet temperature, 50.7
Dew-point, 35 R. humidity, 31 V. pressure, .203
Clouds: Amount, Few; Kind, Ci; Direction, W
Velocity of clouds (miles per hour)

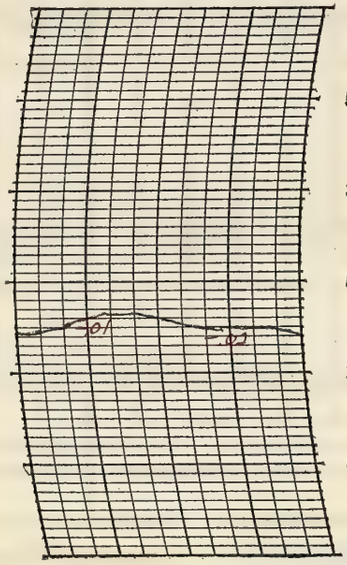
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF

Verified by E.L.A.

8—486

NOTES

Clear beautiful day, temperatures near normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 8 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	49	46	47	51	53	57	61	67	68
State of weather: Nature of precipitation and time of beginning and ending								RB 7:15	RE 8:10		RB 10:55	RE 11:20
Amounts of precipitation								T	T		T	T
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	SW	SW
Wind movement	4	5	5	4	4	4	7	6	6	7	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	68	70	70	69	68	66	66	67	67	69
State of weather: Nature of precipitation and time of beginning and ending	RB 12:50	RE 1:25								RB 9:56	RE 10:10	
Amounts of precipitation	T	T								T	T	
Cloudiness and other conditions				Pt Cldy						Cloudy		
Sunshine (in tenths of hours)	0	0	0	0.2	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	14	13	13	18	16	14	15	13	13	14	10	8

Sunrise: Time, 5:45 Character, Cloudy
Moonrise:

Sunset: Time, 5:12 Character, Cloudy
Moonset:

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

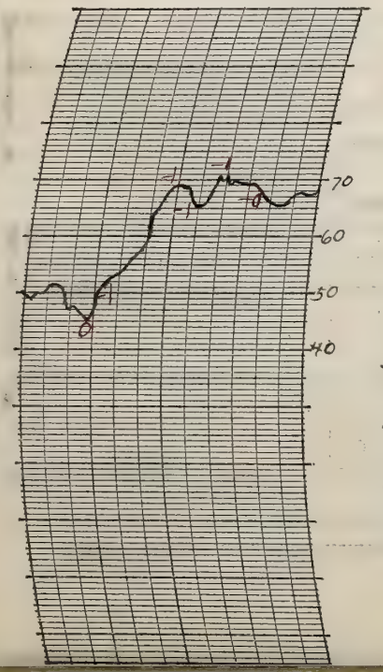
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.8 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 7
Prevailing wind direction, SW Total wind, 234
Average hourly velocity, 9.8 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 3:56 p.m.
Reduced barometer, 30.06 7 a. m. 29.83 7 p. m.
River gage, 0.9 feet
Relative humidity, 71 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 58.2
Dew-point, 51 R. humidity, 55 V. pressure, .373
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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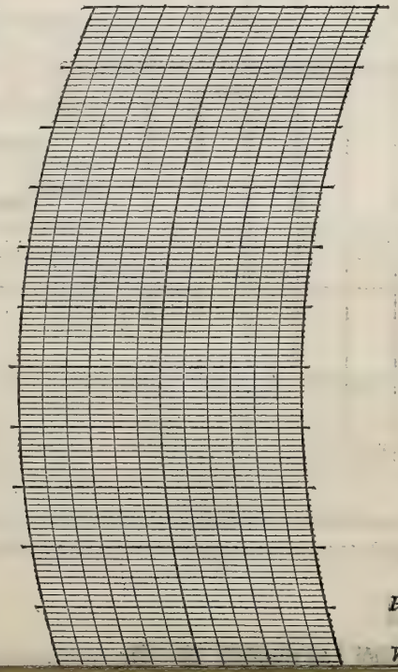
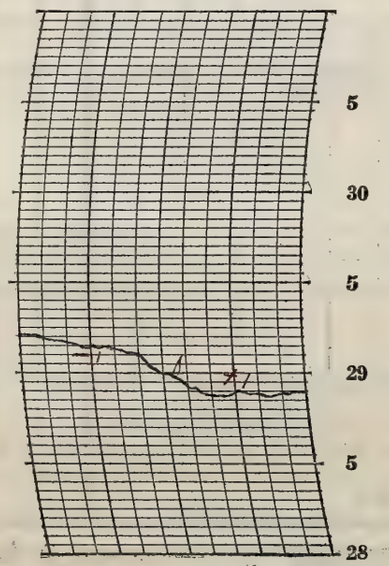


BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H.

NOTES

Light sprinkles fell during the morning and the early part of the afternoon. Lightning was first seen in the evening toward the northwest and thunder was heard at 9:51 p.m.

Special observation requested by Chicago

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 8 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	63	62	60	59	60	64	68	70	72	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)						0.23 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW
Wind movement	8	8	6	6	6	6	6	9	11	16	14	18

Sunrise: Time, 5:46 Character, Clear
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	68	66	63	60	58	56	55	54	53	52
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 0.2	0.16 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	0
Wind movement	18	19	16	15	11	7	5	5	4	3	4	0

Sunset: Time, 5:10 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

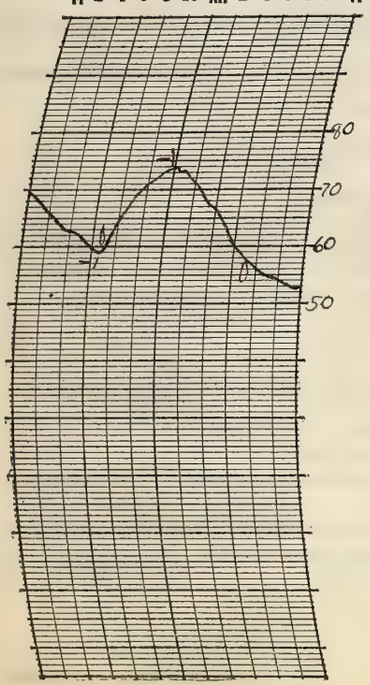
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 12:17 pm
Reduced barometer, 29.96 7 a. m. 30.12 7 p. m.
River gage, 0.9 feet
Relative humidity, 79 7 a. m. 28 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.1 Wet temperature, 54.8
Dew-point, 38 R. humidity, 28 V. pressure, 22.5
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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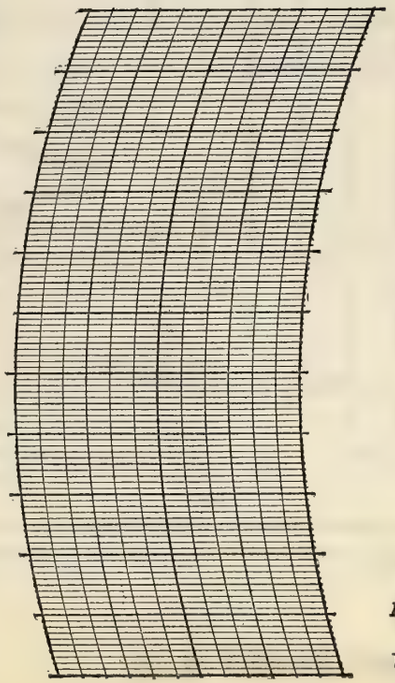
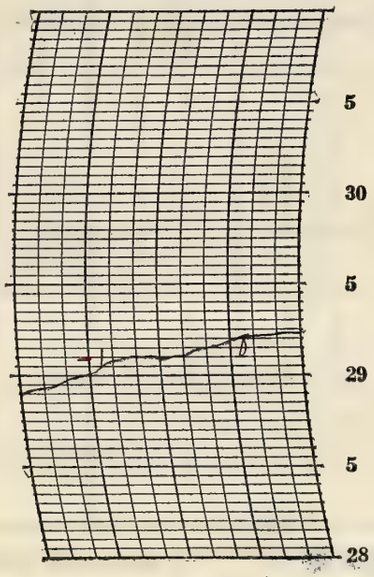


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 10 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	49	48	48	48	46	50	54	60	66	73	77	79	81	82	82	80	76	73	72	69	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)						0.22 0	1.0 0	0.6 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.15 0						
Wind direction	N	N	NE	SE	SE	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	1	1	1	3	3	3	4	6	7	7	10	13	13	16	15	14	11	8	7	9	8	8	9	10

Sunrise: Time, 5:47 Character, Clear
Moonrise:
Sunset: Time, 5:07 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

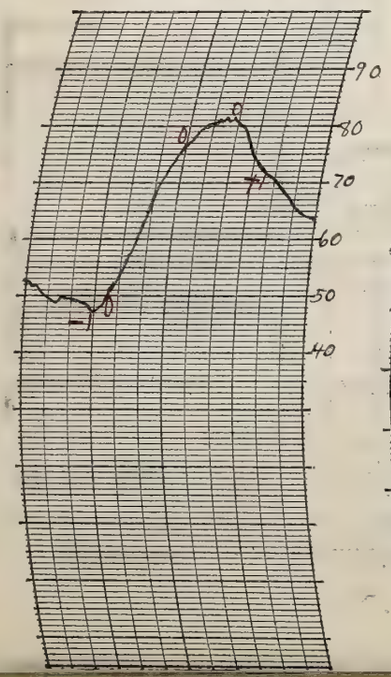
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	46	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 19
Maximum velocity, 19 Direction, SW
Time began, 1:04 p.m.
Reduced barometer, 30.20 7 a. m. 30.06 7 p. m.
River gage, 0.8 feet
Relative humidity, 74 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.1 Wet temperature, 56.2
Dew-point, 30 R. humidity, 24 V. pressure, 929
Clouds: Amount, 6; Kind, cirr.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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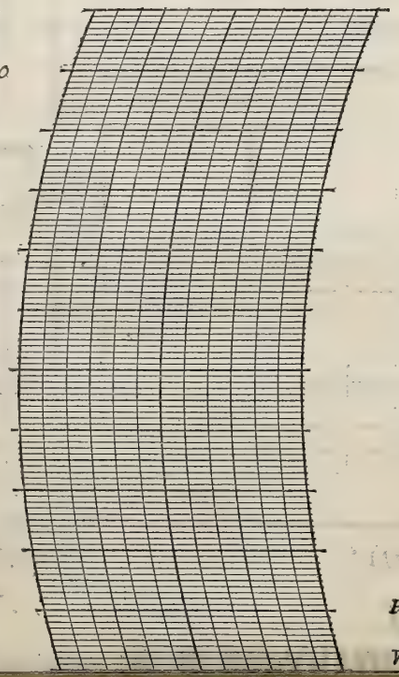
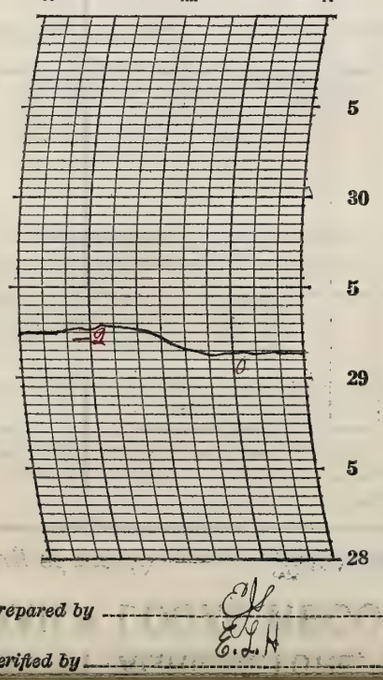


BAROGRAPH.



Prepared by
Verified by

NOTES

A clear, warm, beautiful day after a cool morning. Clear at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 11 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	61	61	62	68	74	80	84	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunrise: Time, 5:48 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)						0.30 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	9	9	9	8	8	10	11	11	12
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	87	87	86	83	80	78	76	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy				Clear			→
Sunrise: Time, Character,												
Moonrise:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0 0	0.12 0						
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	12	12	11	8	8	7	8	8	10	7	7
Maximum velocities (exceeding miles) direction and time												

Sunset: Time, 5:02 Character, Clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

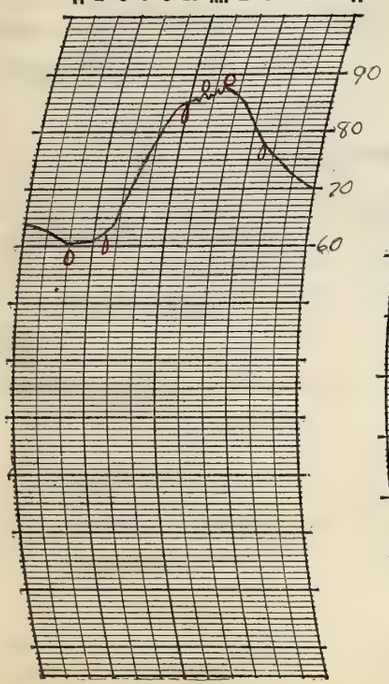
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.3 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 3:21 pm.
Reduced barometer, 30.10 7 a. m. 30.13 7 p. m.
River gage, 0.8 feet
Relative humidity, 66 7 a. m. 50 7 p. m.

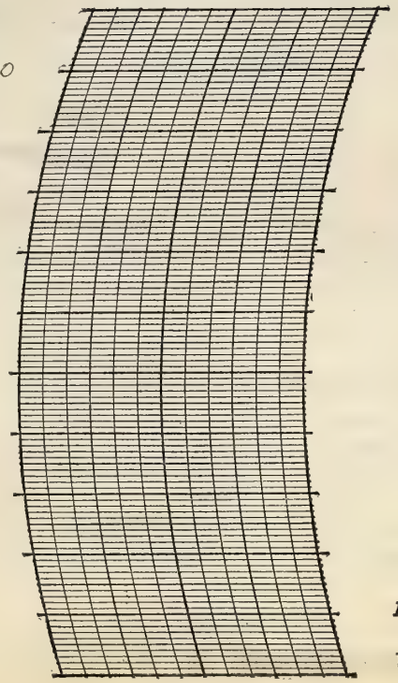
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.2 Wet temperature, 67.2
Dew-point, 57 R. humidity, 39 V. pressure, .465
Clouds: Amount, Few; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

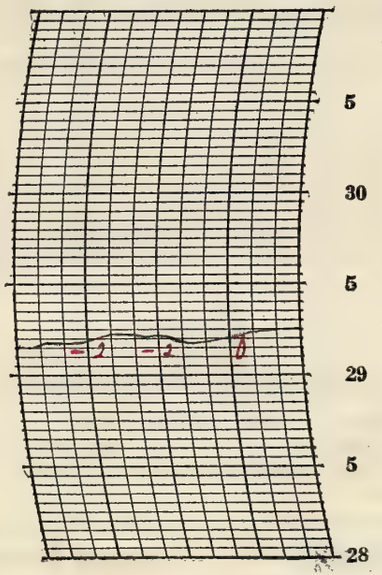
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by G.H.

Verified by G.L.H.

8—486

NOTES

A pleasant day throughout. Temperatures were unusually warm.

Special observation requested by Chicago

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 12 1928, 192

Time (local standard) 90° mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	63	65	64	65	70	76	80	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cldy							
Sunshine (in tenths of hours)						0	0	0.6	1.0	0.7	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6	8	7	6	7	9	8	12	14	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	81	81	81	79	78	77	70	70	79	78	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy						Pt Cldy			Clear
Sunshine (in tenths of hours)	0.4	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	12	12	11	10	11	9	9	11	11	11

Sunrise: Time, 5:49 Character, Cloudy
Moonrise:

Sunset: Time, 5:06 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

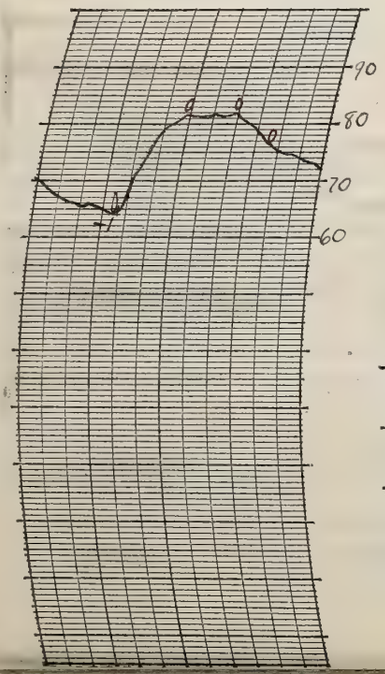
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 42
Prevailing wind direction, SW Total wind, 242
Average hourly velocity, 10.3 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 11:22 p.m.
Reduced barometer, 30.21 7 a. m., 30.11 7 p. m.
River gage, 0.8 feet
Relative humidity, 82 7 a. m., 56 7 p. m.

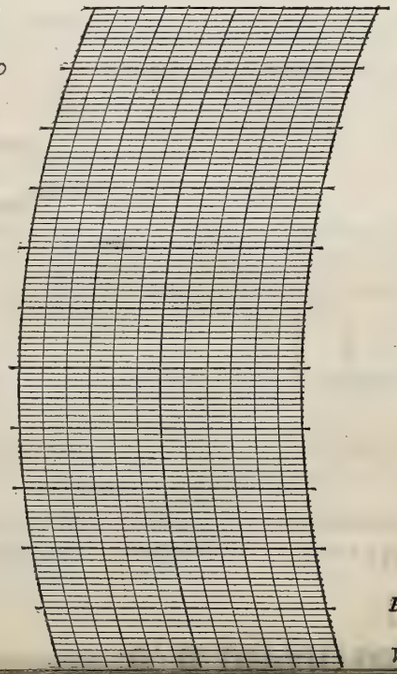
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.6 Wet temperature, 67.8
Dew-point, 62 R. humidity, 47 V. pressure, .555
Clouds: Amount, 8; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

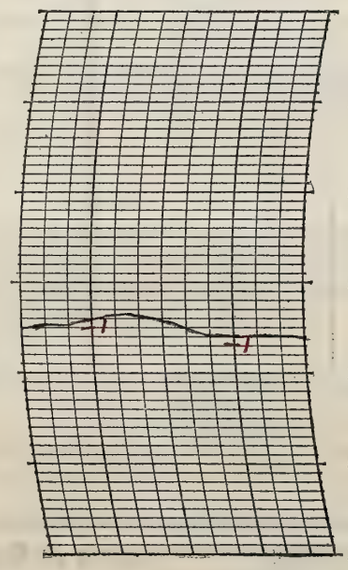
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. H.
Verified by E. L. H.

NOTES

The stars were visible in the late evening.
There was a very faint 22° solar halo close to noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 13 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	72	71	70	70	70	72	72	70	64	65	65
State of weather: Nature of precipitation and time of beginning and ending								RB 7:15 RE 7:20				
Amounts of precipitation								T				
Cloudiness and other conditions					←			Cloudy				
Sunrise: Time, 5:51 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.6
Wind direction	SW	SW	SW	SW	SW	SW	W	W	NW	N	NW	NW
Wind movement	11	13	12	11	11	7	7	10	13	11	8	8
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	70	68	63	59	58	58	57	57	56	54	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunset: Time, 5:04 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0						
Wind direction	NW	NW	NW	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	11	10	11	13	11	7	6	5	7	8	10	9

Pt Cloudy — Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.0 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 36
Prevailing wind direction, SW & NW Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 18
Maximum velocity, 16 Direction, N
Time began, 9:16 a.m.
Reduced barometer, 30.12 7 a. m. 30.28 7 p. m.
River gage, 0.8 feet
Relative humidity, 81 7 a. m. 84 7 p. m.

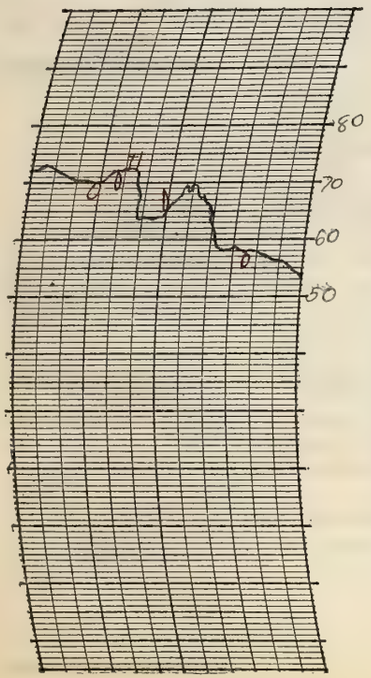
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.1 Wet temperature, 60.8
Dew-point, 58 R. humidity, 72 V. pressure, 482
Clouds: Amount, 8; Kind, Strat.; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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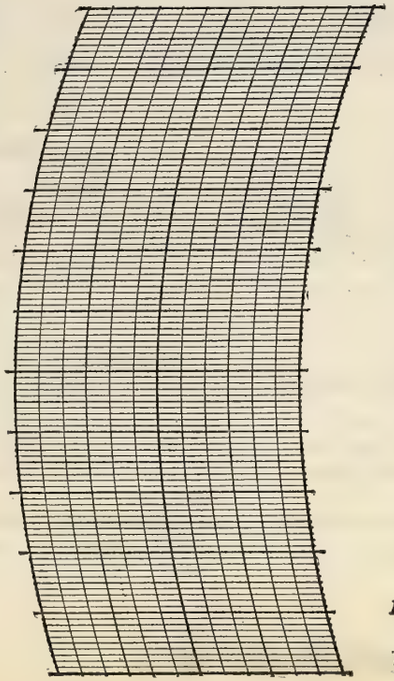
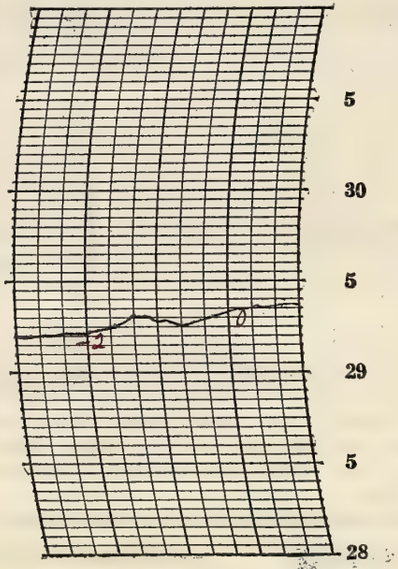


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A light sprinkle fell soon after 7:00 a.m. in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 14 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	50	49	48	49	50	50	51	52	53	54	57	58	59	57	55	54	53	53	52	52	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy								×					P/ Cldy				→
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.6	1.0	0.7	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	E	E	E	SE	SE	SE	SE	E	E	E	SE	SE	SE	SE	SE	SE
Wind movement	9	8	8	7	7	7	6	7	6	6	2	3	3	3	3	4	5	5	4	3	3	3	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:52 Character, Cloudy
Moonrise:

Sunset: Time, 5:02 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

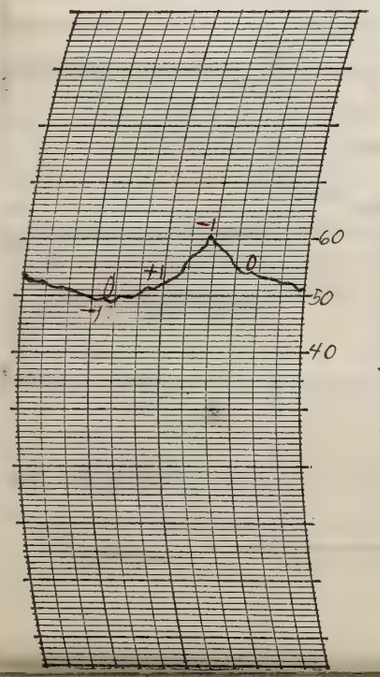
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	48	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.3 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 21
Prevailing wind direction, SE Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 1:15 am
Reduced barometer, 30.23 7 a. m. 30.20 7 p. m.
River gage, 0.8 feet
Relative humidity, 89 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.9 Wet temperature, 48.8
Dew-point, 45 R. humidity, 75 V. pressure, .278
Clouds: Amount, 10; Kind, strat. Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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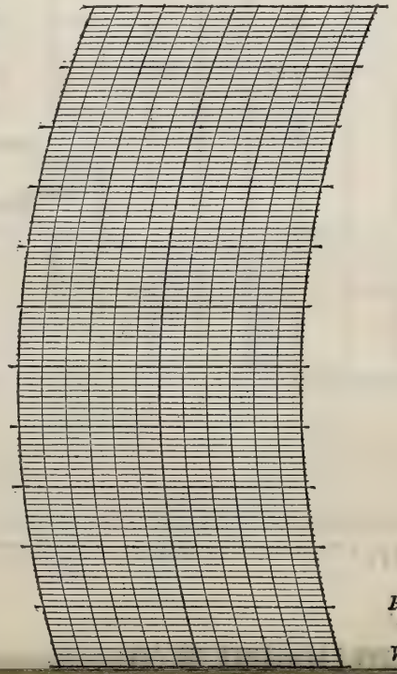
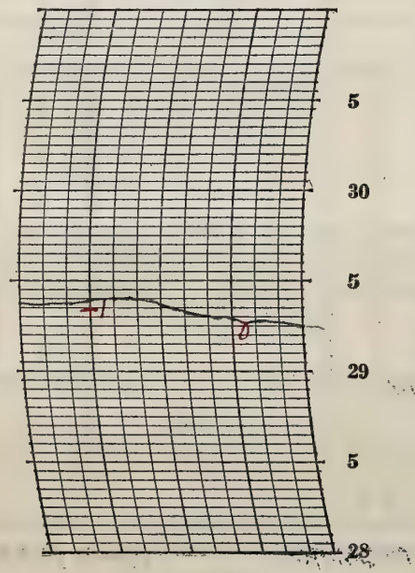


BAROGRAPH.



Prepared by
Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 15 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	50	~~49~~ 50	51	55	61	70	75	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cloudy						(Cloudy	Cloudy
Sunshine (in tenths of hours)						0	0	0	0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	SW
Wind movement	3	4	3	3	1	2	2	5	6	6	6	5
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	81	78	77	76	74	69	68	66	66	65
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15			RE 9:30	RB 10:15 RE 10:45	
Amounts of precipitation							T	T	0.1	T	T	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.7	0	0	0	0						
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	7	8	8	7	7	9	10	6	6	6	6
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 5:53 Character, Cloudy
Moonrise:

Sunset: Time, 5:01 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

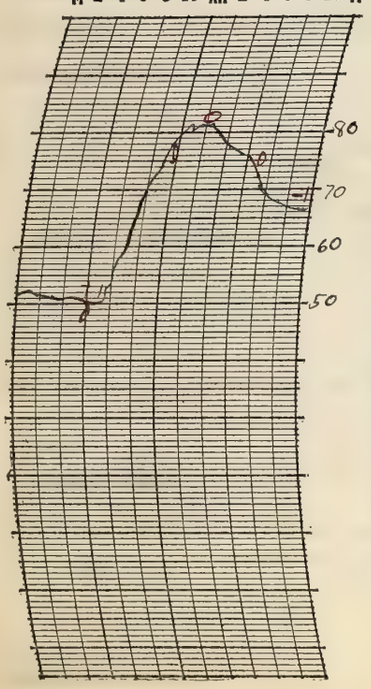
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	~~49~~ 50	~~65~~ 66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 42
Prevailing wind direction, SW Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 6:32 p.m.
Reduced barometer, 30.11 7 a. m. 29.99 7 p. m.
River gage, 0.8 feet
Relative humidity, 94 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.9 Wet temperature, 65.3
Dew-point, 59 R. humidity, ~~51~~ 54 V. pressure, ~~.499~~ .500
Clouds: Amount, 3; Kind, ~~Cu~~ Cu; Direction, ~~SW~~ SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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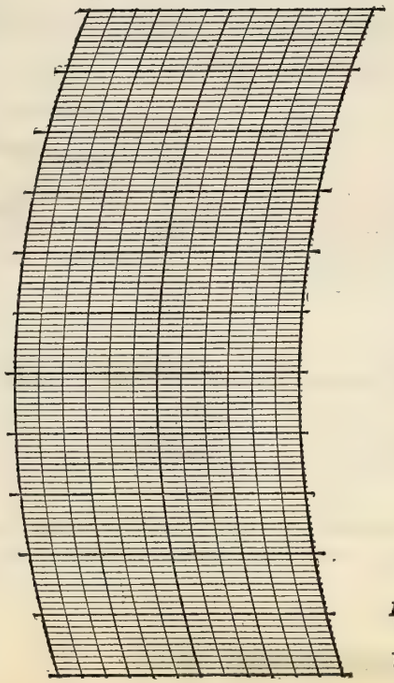
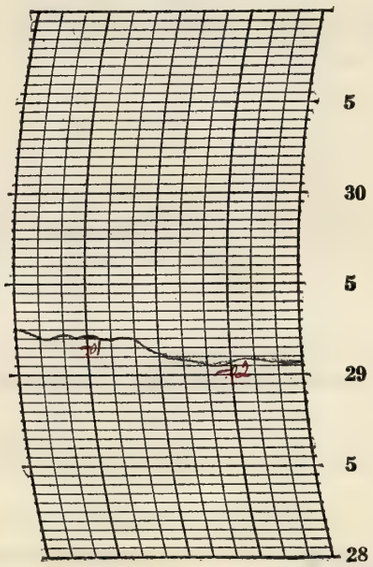


BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES

A pleasant day with fairly warm temperatures. A light rain began in the early evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 16 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	67	67	67	66	66	66	67	68	67	68	69	71	71	71	70	69	69	69	68	68	68
			RB DNa										RE 12:15						RB 6:23	RE 7:03				
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation			T	.01	.04	.02	.10	T	.01	.02	.07	.21	.01						T	T				
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	SE	SE	S	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW
Wind movement	9	7	6	8	6	7	5	5	3	4	6	7	7	9	8	9	9	8	11	8	5	4	3	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:54 Character, Cloudy
Moonrise:
Sunset: Time, 4:59 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

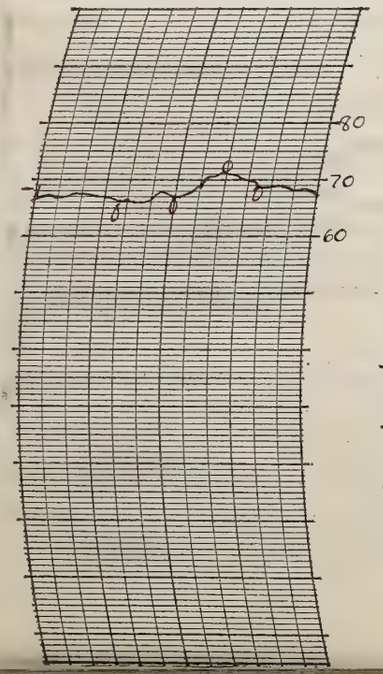
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	65	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., 0.32 ins.
Total precipitation, midnight to midnight, 0.54 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 6:47 p.m.
Reduced barometer, 29.82 7 a. m. 29.86 7 p. m.
River gage, 0.8 feet
Relative humidity, 92 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 66.9
Dew-point, 62 R. humidity, 92 V. pressure, .661
Clouds: Amount, 10; Kind, stcu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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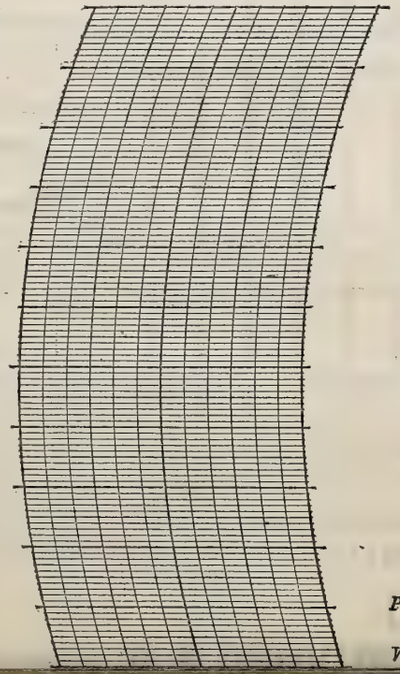
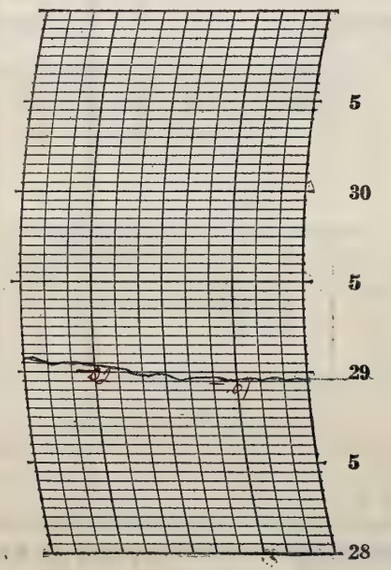


BAROGRAPH.



Prepared by CH.
Verified by E.L.H.

NOTES

The sky was practically entirely overcast all day except for a period in the shorter part of the afternoon. Rain fell nearly the entire morning in a light drizzle with occasional heavier showers. A light rain fell in the evening. Temperatures remained nearly the same the whole day with little range.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 17 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	67	67	66	66	66	67	68	69	68
Nature of precipitation and time of beginning and ending			RB DNa					RE 7:15				RB 11:30
Amounts of precipitation			T	T	.01	T	.01	T				T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	4	6	6	7	5	3	6	6	7	7	7	7

Sunrise: Time, 5:55 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	69	69	68	68	68	68	68	67	67	66
Nature of precipitation and time of beginning and ending		RE 1:15			RB 4:40	RE 6:00p						
Amounts of precipitation	T	T			T	.02						
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	SE	SE	SE	SE	S	SW	S	S	SW
Wind movement	7	5	4	5	7	7	8	8	9	7	6	9

Sunset: Time, 4:58 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	66	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 153

Average hourly velocity, 6.4 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 11:34 p.m.

Reduced barometer, 29.90 7 a. m. 29.80 7 p. m.

River gage, 0.9 feet

Relative humidity, 97 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

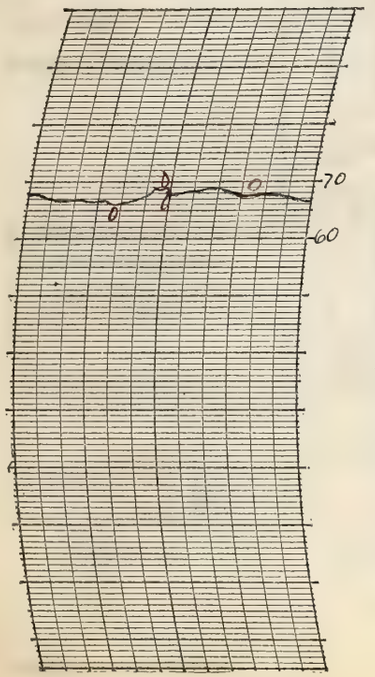
Dry temperature, 68.2 Wet temperature, 66.2

Dew-point, 65 R. humidity, 90 V. pressure, .616

Clouds: Amount, 10; Kind, stcu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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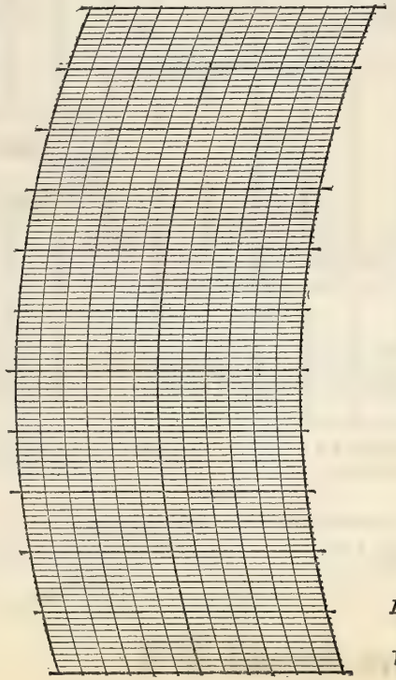
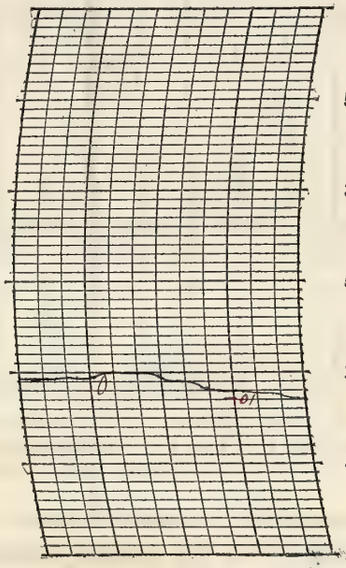


BAROGRAPH.



Prepared by

Verified by E.L.H.

8—486

NOTES

It was misting or raining a good deal of the day and with the leaves made the streets quite slippery. Light to gentle southerly winds prevailed. The sky was mostly overcast all day, with cumulus clouds moving rapidly during the early part of the evening from the south west.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 18 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	61	60	60	61	61	61	59	58	58	59
State of weather: Nature of precipitation and time of beginning and ending		RB DNa RE DNa							RB 8:37	RE 9:40		RB 11:15 RE 12:3
Amounts of precipitation		T							.05	.06		T
Cloudiness and other conditions												
Sunrise: Time, 5:36a. Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	10	11	9	7	9	10	10	15	15	11	11	14
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	56	56	56	56	55	55	53	51
State of weather: Nature of precipitation and time of beginning and ending								RB 7:02 RE 7:30			RB 10:35	R cont
Amounts of precipitation								T			T	T
Cloudiness and other conditions	Cloudy											
Sunset: Time, 4:56 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	14	12	14	12	12	10	9	10	9	10	9	8

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	51	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.11 ins.
Total precipitation, midnight to midnight, 0.11 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 4
Prevailing wind direction, SW Total wind, 261
Average hourly velocity, 10.9 Extreme velocity, 23
Maximum velocity, 20 Direction, SW
Time began, 8:05 am.
Reduced barometer, 29.74 7 a. m. 29.91 7 p. m.
River gage, 1.3 feet
Relative humidity, 92 7 a. m. 72 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

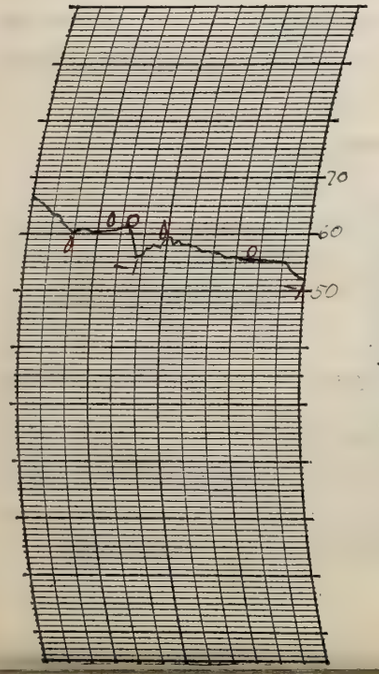
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

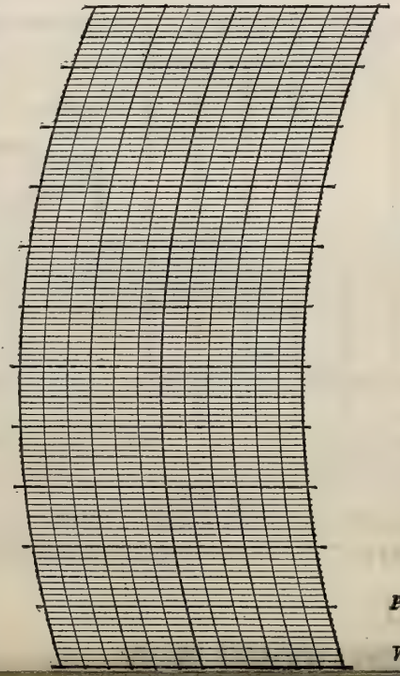
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 54.9
Dew-point, 52 R. humidity, 76 V. pressure, .138
Clouds: Amount, 8; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

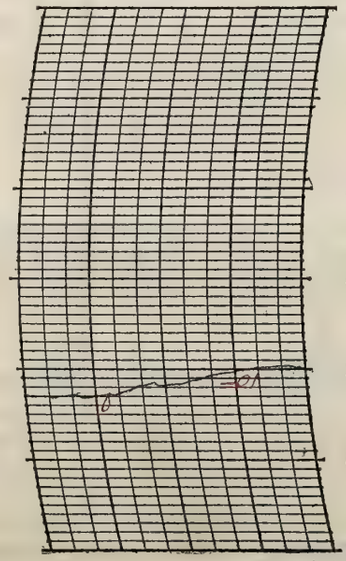
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

A cloudy day with temperatures becoming cooler. Rain or mist fell during the day. A fresh to gentle northerly wind prevailed. The river has risen slightly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 19 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	50	50	50	51	51	52	53	53	52	52
	RE DNa								RB 8:00		RE 10:15	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T								T	T	T	
Cloudiness and other conditions					←	Cloudy				X		PT
Sunrise: Time, Character,	5:57 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0.3	0.6	0.3	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	7	6	7	7	6	3	3	6	12	16	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	54	53	50	49	48	47	46	45	44	44
	RB 12:18 RE 12:23											
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T											
Cloudiness and other conditions	Cloudy		X	Cldy	X	PT	Cldy		X		Clear	
Sunset: Time, Character,	4:55 Cloudy											
Moonset:												
Sunshine (in tenths of hours)	0.8	0.8	0.3	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	17	16	14	15	11	8	7	8	8	7	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	44	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.5 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 32

Prevailing wind direction, W Total wind, 237

Average hourly velocity, 9.9 Extreme velocity, 24

Maximum velocity, 23 Direction, W

Time began, 1:00 pm

Reduced barometer, 29.83 7 a. m. 30.01 7 p. m.

River gage, 1.2 feet

Relative humidity, 90 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

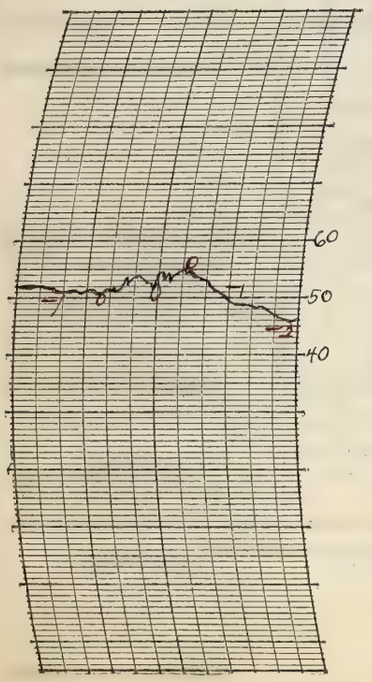
Dry temperature, 52.1 Wet temperature, 45.2

Dew-point, 38 R. humidity, 58 V. pressure, 1.222

Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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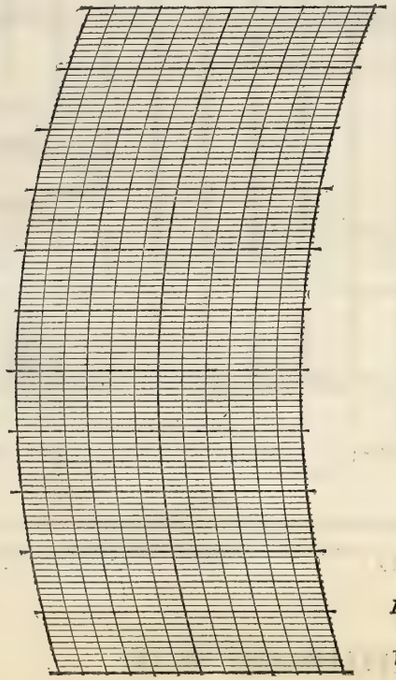
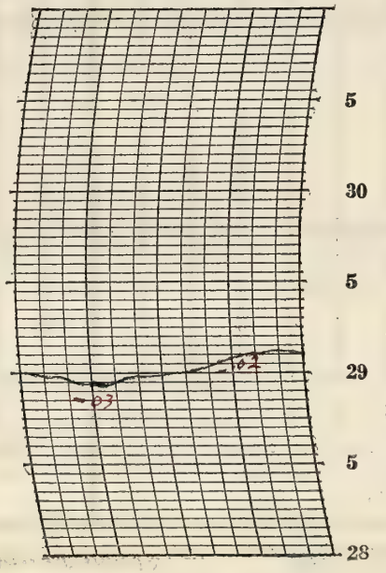


BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

8—486

NOTES

It was cloudy during the earlier part of the day becoming part cloudy by afternoon and clearing up in the evening. There was a small variation in the temperature becoming cooler in the evening. A moderate to light wind westerly wind prevailed.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 20 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	45	46	46	47	47	48	50	51	53	53	57	57	58	59	56	54	52	51	50	48	47	47
State of weather: Nature of precipitation and time of beginning and ending			RB PN2 RE DW2																					
Amounts of precipitation			T																					
Cloudiness and other conditions					←		Cloudy								Pt Cldy			Clear						→
Sunrise: Time, 5:58 Character, Cloudy																					Sunset: Time, 4:53 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0.2	0.6	0.8	1.0	0.5	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	6	5	8	5	5	7	8	9	8	7	7	7	7	7	4	6	5	5	5	5	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

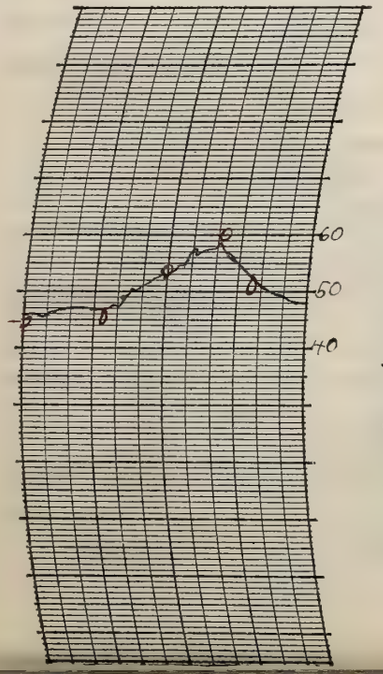
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.4 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 31
Prevailing wind direction, W Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 9:06 2 m.
Reduced barometer, 30.10 7 a. m., 30.15 7 p. m.
River gage, 1.0 feet
Relative humidity, 87 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.9 Wet temperature, 44.9
Dew-point, 36 R. humidity, 53 V. pressure, .211
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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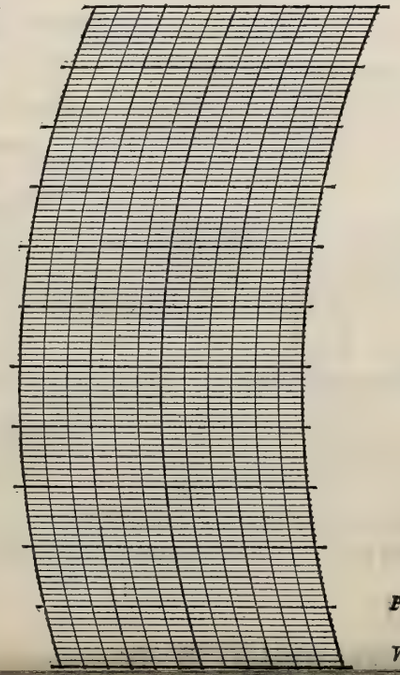
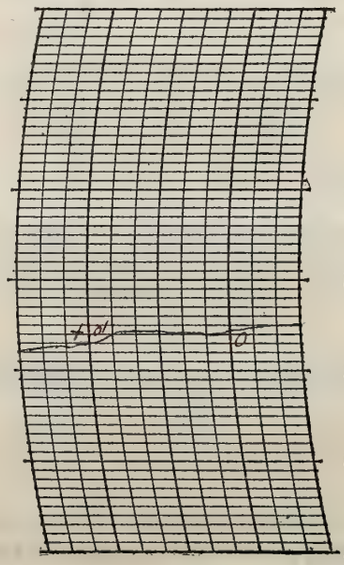


BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 21 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	44	43	44	45	50	56	59	61	63	65	68	69	68	64	62	62	61	60	60	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				←						Clear					× Pt Cldy ×				Cloudy				→
Sunshine (in tenths of hours)						0.02 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0							
Wind direction	SW	SW	S	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	4	4	5	5	6	6	3	6	9	12	12	12	10	11	11	10	8	8	9	8	10	10	11	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:59 Character, Clear
Moonrise: ---
Sunset: Time, 4:52 Character, Cloudy
Moonset: ---

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

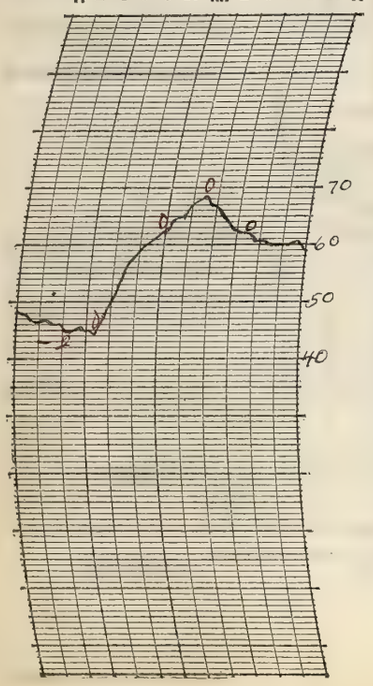
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ---
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.4 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 86
Prevailing wind direction, S Total wind, 200
Average hourly velocity, 8.3 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 2:28 p.m.
Reduced barometer, 30.22 7 a. m. 30.03 7 p. m.
River gage, 1.0 feet
Relative humidity, 79 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 52.3
Dew-point, 43 R. humidity, 48 V. pressure, .222
Clouds: Amount, Few; Kind, Ci; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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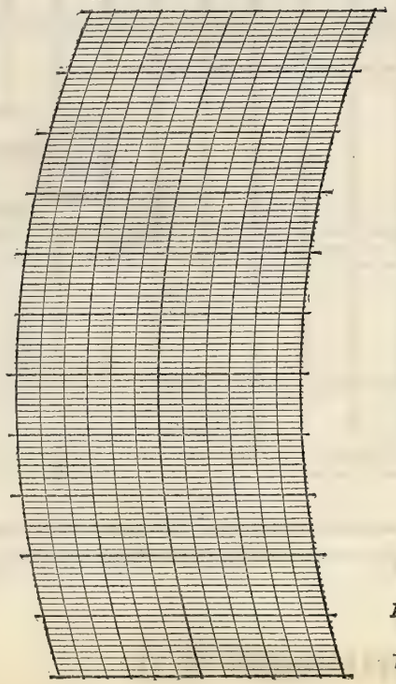
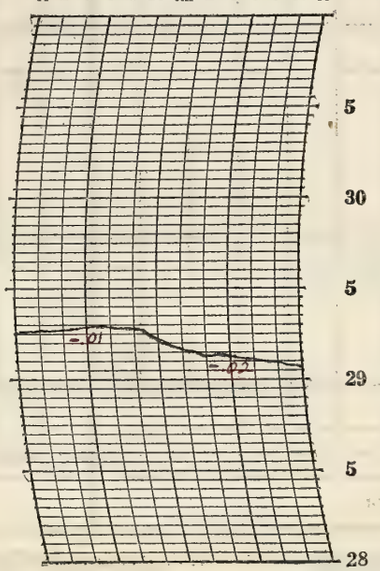


BAROGRAPH.



Prepared by E.H.
Verified by E.H.

8—486

NOTES

22° Lunar halo observed at 6:40 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 22 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	57	58	57	56	57	58	62	67	67	66
State of weather: Nature of precipitation and time of beginning and ending			RB DNa RE DNa									
Amounts of precipitation			T									
Cloudiness and other conditions												
Sunrise: Time, 6:00 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0.1	0.7	0	0
Wind direction	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	7	6	6	7	9	10	9	9	10	14	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	61	60	59	60	60	56	52	50	48
State of weather: Nature of precipitation and time of beginning and ending	RB 12:09						RE 6:37					RB DNp RE DNp
Amounts of precipitation	T	T	.03	.04	.08	.12	.02					T
Cloudiness and other conditions												
Sunset: Time, 4:51 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	S	SW	SW	SW	SW	W	NW	NW	NW
Wind movement	11	10	8	11	15	15	13	13	12	10	13	14

Cloudy

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.29 ins.

Total precipitation, midnight to midnight, 0.29 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.8 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 7

Prevailing wind direction, SW Total wind, 261

Average hourly velocity, 10.9 Extreme velocity, 22

Maximum velocity, 21 Direction, S

Time began, 10:57 a.m.

Reduced barometer, 29.94 7 a. m. 29.72 7 p. m.

River gage, 1.0 feet

Relative humidity, 72 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

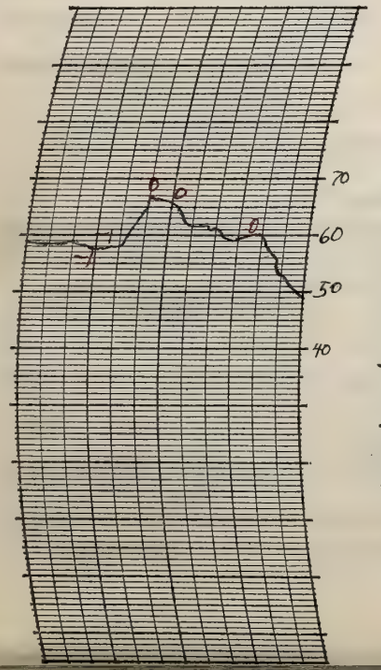
Dry temperature, 65.2 Wet temperature, 56.7

Dew-point, 51 R. humidity, 58 V. pressure, .373

Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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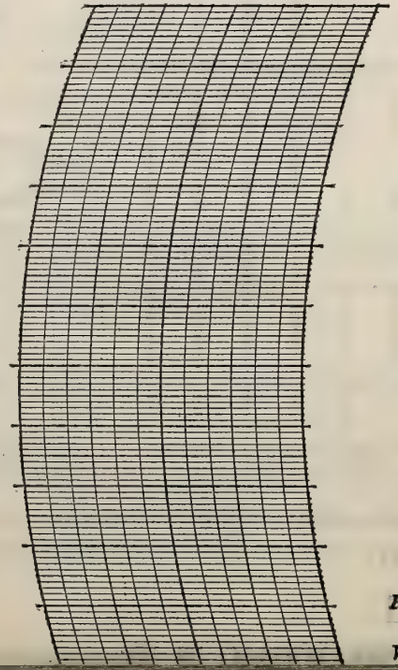
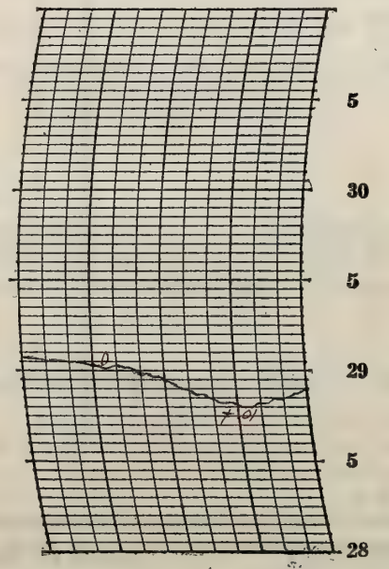


BAROGRAPH.



Prepared by CH

Verified by E.L.H.

NOTES

It was cloudy during the day with a westerly wind prevailing. Rain fell during the afternoon and several light rains fell in the early morning and late evening. A light to moderate southwesterly wind prevailed, reaching the force of a fresh breeze shortly before noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 23 1928, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	47	47	47	47	47	48	49	50	51	50	51	51	51	51	51	51	50	50	50	49
State of weather: Nature of precipitation and time of beginning and ending										RB 9:45 RE 9:48														
Amounts of precipitation										T														
Cloudiness and other conditions					←		Cloudy								X		Pt Cloudy					X	Clear	
Sunrise: Time, 6:02 Character, Cloudy																					Sunset: Time, 4:49 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0.3	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	10	8	6	5	4	7	6	7	7	10	10	9	8	8	7	5	4	4	3	2	2	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	46	49	

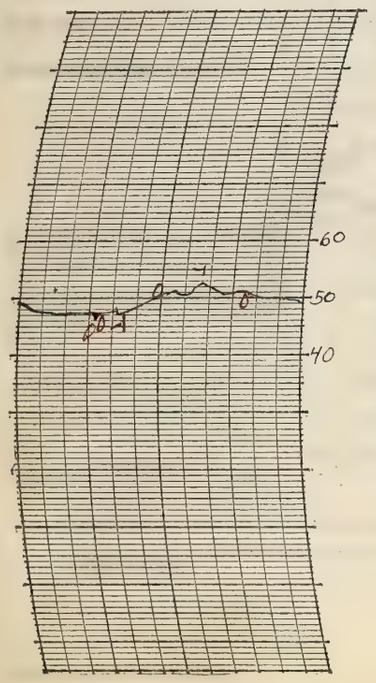
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0.3 Possible sunshine, hours, 10.8
Per cent of possible sunshine,
Prevailing wind direction, W Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 12:40 a.m.
Reduced barometer, 29.72 7 a. m. 29.91 7 p. m.
River gage, 6.0 feet
Relative humidity, 80 7 a. m. 57 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

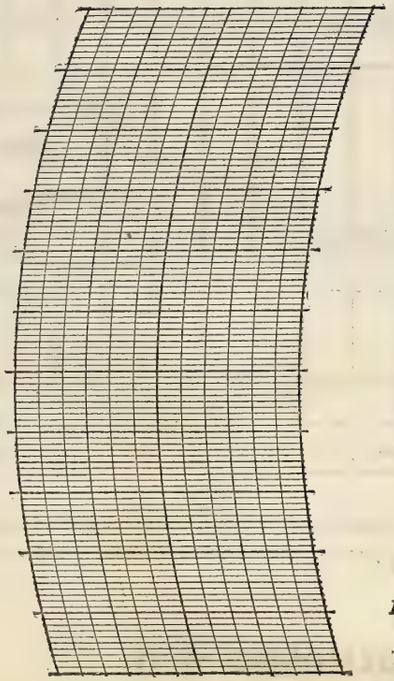
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 43.2
Dew-point, 35 R. humidity, 57 V. pressure, .203
Clouds: Amount, 6; Kind, St-Cu; Direction, NW
Velocity of clouds (miles per hour)

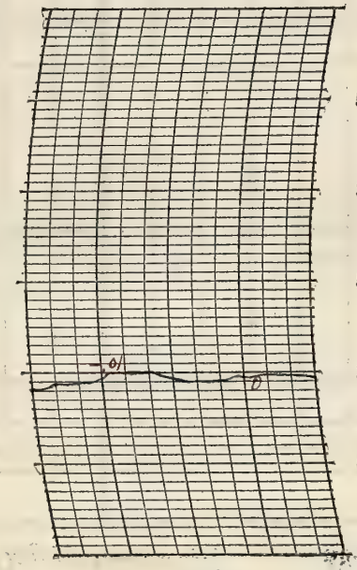
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Temperatures were close to normal with little variation during the day. A gentle to light westerly wind prevailed with the sky becoming clear in the evening. A light sprinkle fell in the morning.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 24 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	44	44	43	41	41	42	46	50	55	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy			×	Clear	×	Pt Cldy	
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	0.8
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	NW
Wind movement	6	7	7	7	5	6	5	7	10	12	15	16
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	52	57	56	54	52	50	49	48	46	45	45
State of weather: Nature of precipitation and time of beginning and ending	RB 12:50	RE 1:05									RB 10:55 RE 11:00	
Amounts of precipitation	T	T									T	
Cloudiness and other conditions		Cldy ×		Pt Cloudy	×		Clear	×	Pt Cldy		Cldy ×	Pt Cldy
Sunshine (in tenths of hours)	0.5	0.1	0.7	0.6 0.4	0.80 0							
Wind direction	NW	N	NW	NW	NW	NW	W	N	W	W	NW	W
Wind movement	19	12	15	16	13	10	7	6	8	9	5	6
Maximum velocities (exceeding 24 miles) direction and time	31 NW 12:54											

Sunrise: Time, 6:03 Character, Cloudy
Moonrise:

Sunset: Time, 4:48 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

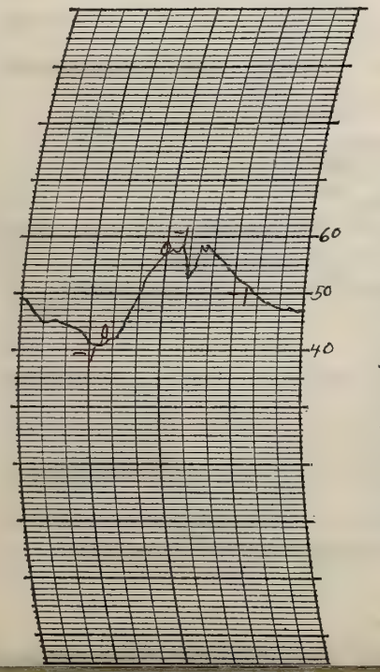
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	40	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.4 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 59
Prevailing wind direction, W Total wind, 232
Average hourly velocity, 9.7 Extreme velocity, 31
Maximum velocity, 27 Direction, NW
Time began, 12:54 p.m.
Reduced barometer, 29.95 7 a. m. 29.88 7 p. m.
River gage, 4.0 feet
Relative humidity, 80 7 a. m. 47 7 p. m.

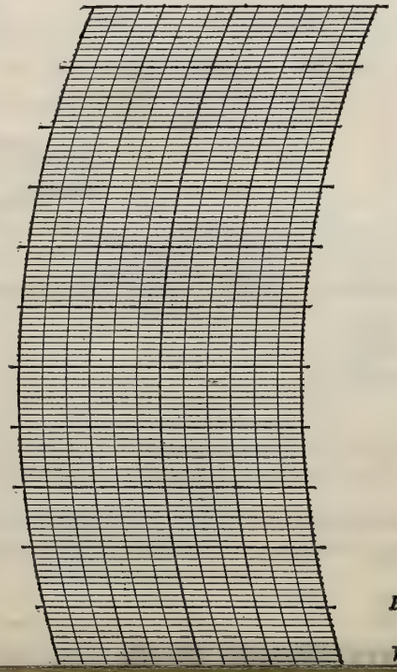
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.9 Wet temperature, 45.1
Dew-point, 31 R. humidity, 37 V. pressure, 1.22
Clouds: Amount, 6; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

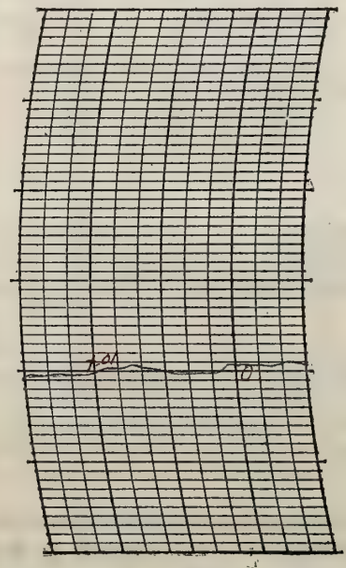
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 25 1928, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	40	39	38	39	40	42	46	49	48	47
State of weather: Nature of precipitation and time of beginning and ending											R 10:01 RF 10:37 R+HB 10:37 R+HE 10:41 R 10:44 R 10:45	
Amounts of precipitation											T	
Cloudiness and other conditions					← Clear		×	Pt Cldy	×	Cloudy		
Sunrise: Time, Character,	6:04 Clear											
Moonrise:												
Sunshine (in tenths of hours)							0.93 0	1.0 0	0.3 0.7	0.8	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	NW
Wind movement	7	9	7	6	9	10	9	12	12	15	15	11
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	48	47	47	46	44	43	42	41	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		×	Pt. Cldy		×	Clear		×	Pt Cldy	×	Clear	
Sunset: Time, Character,									5:46 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0.1	0	0.4	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	8	14	16	13	10	7	6	5	6	6	5	3
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

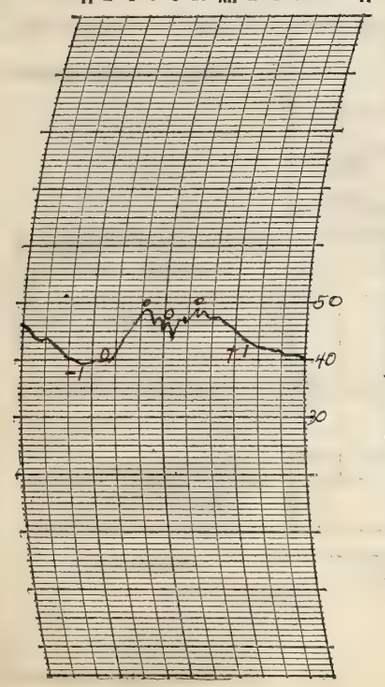
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.2 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 39
Prevailing wind direction, W Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 23
Maximum velocity, 20 Direction, NW
Time began, 3:02 p.m.
Reduced barometer, 30.02 7 a. m. 30.21 7 p. m.
River gage, 1.0 feet
Relative humidity, 80 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.0 Wet temperature, 42.5
Dew-point, 37 R. humidity, 69 V. pressure, 1.219
Clouds: Amount, 9; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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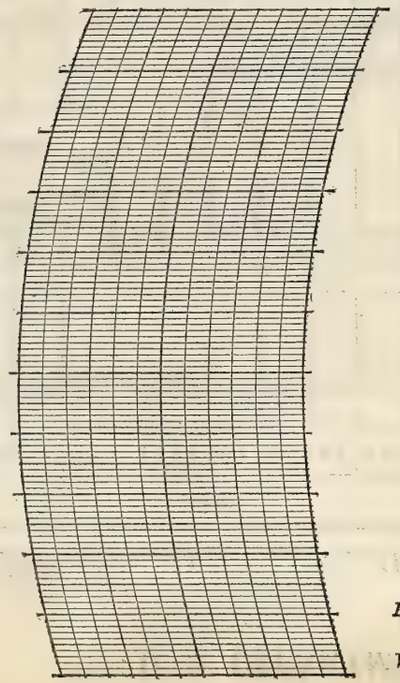
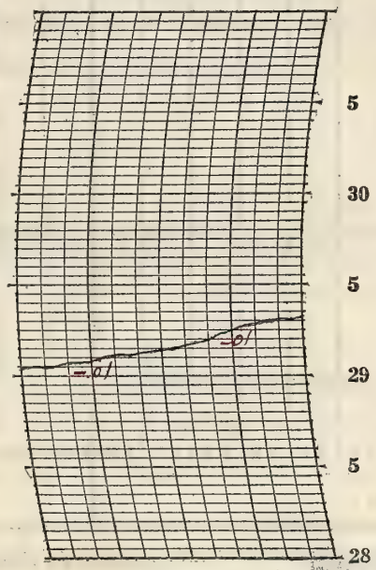


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

The day as a whole was partly cloudy with the stars shining brightly in the evening. A fresh to light westerly wind prevailed with temperatures somewhat below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 26 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	36	37	38	40	43	45	47	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Past	
Sunshine (in tenths of hours)							0	0.1	0.5	1.0	1.0	0.7
Wind direction	W	W	W	W	W	NW	NW	NW	NE	NE	NE	NE
Wind movement	3	4	3	4	4	3	2	4	5	5	5	4
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	50	49	48	47	46	45	45	45	45	45
State of weather: Nature of precipitation and time of beginning and ending											RB 10:56	RE Wp
Amounts of precipitation											T	T
Cloudiness and other conditions	Cloudy ×						Cloudy					
Sunshine (in tenths of hours)	0.3	0.3	0.1	0	0							
Wind direction	NE	NE	NE	E	E	E	SE	SE	SE	SE	SE	SE
Wind movement	4	4	5	5	4	4	4	4	5	5	5	5
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 6:05 Character, Cloudy
Moonrise:

Sunset: Time, 4:45 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.0 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 37
Prevailing wind direction, NE Total wind, 100
Average hourly velocity, 4.2 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 9:45 am
Reduced barometer, 30.36 7 a. m. 30.39 7 p. m.
River gage, 0.8 feet
Relative humidity, 91 7 a. m. 60 7 p. m.

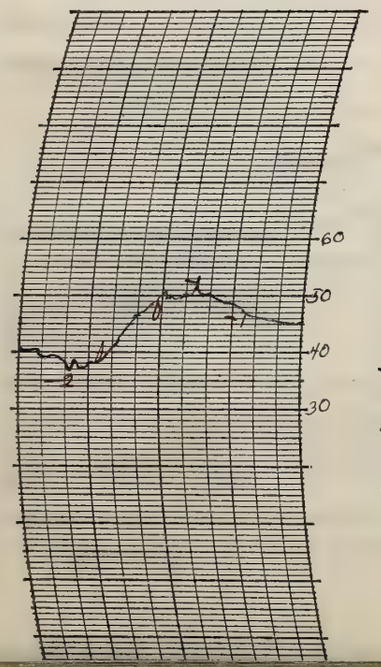
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 49.1 Wet temperature, 41.8
Dew-point, 33 R. humidity, 53 V. pressure, .197
Clouds: Amount, 5 (1); Kind, ---; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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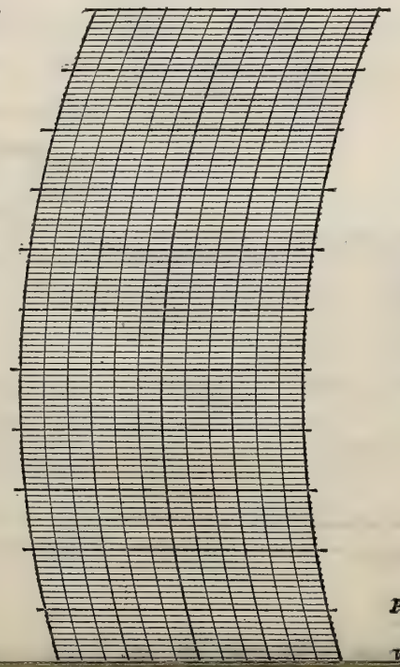
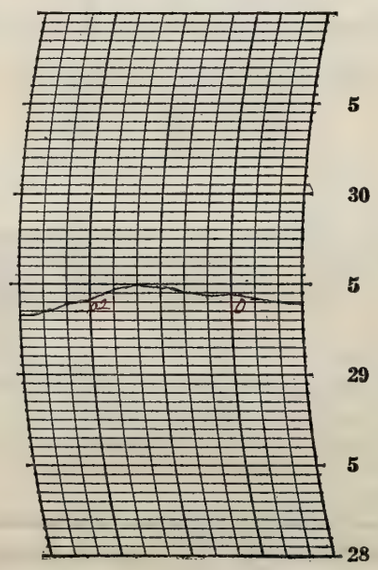


BAROGRAPH.



Prepared by CF
Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 27 1928, 192

Time (local standard) 90 ner. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	43	43	44	44	42	41	42	44	45	46	47	48	48	48	48	48	48	49	49	48
State of weather. Nature of precipitation and time of beginning and ending				RB DN2			RE 6:35	RB 7:10			RE 10:15													
Amounts of precipitation				.01	T	.01	T	.01	.04	.01	.01													
Cloudiness and other conditions					←				2½ Fog			Cloudy												→

Sunrise: Time, 6:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:44 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SW	SW	W	W	NW	W	NW	NW	W	W	W	W	W
Wind movement	6	2	5	4	6	6	6	6	5	5	4	4	6	5	7	6	7	8	8	8	9	8	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	41	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind, 148

Average hourly velocity, 6.2 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 9:49 p.m.

Reduced barometer, 30.20 7 a. m. 30.16 7 p. m.

River gage, 0.8 feet

Relative humidity, 80 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

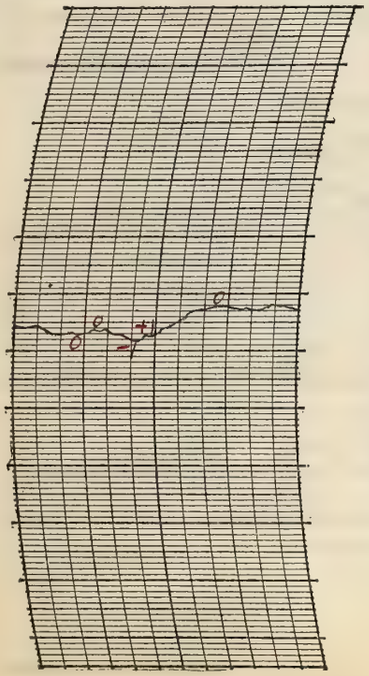
Dry temperature, 44.0 Wet temperature, 43.0

Dew-point, 42 R. humidity, 93 V. pressure, .266

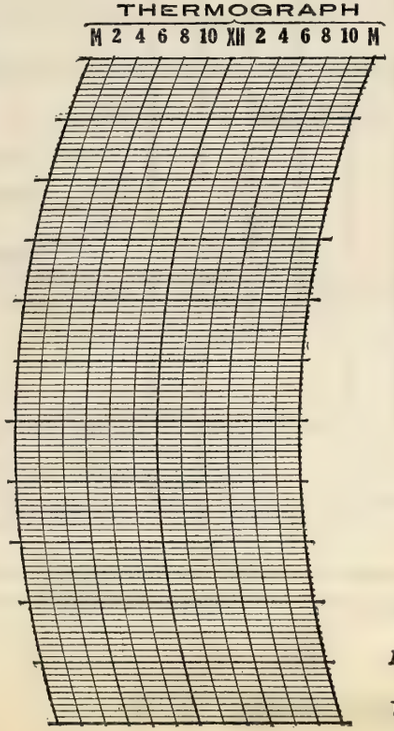
Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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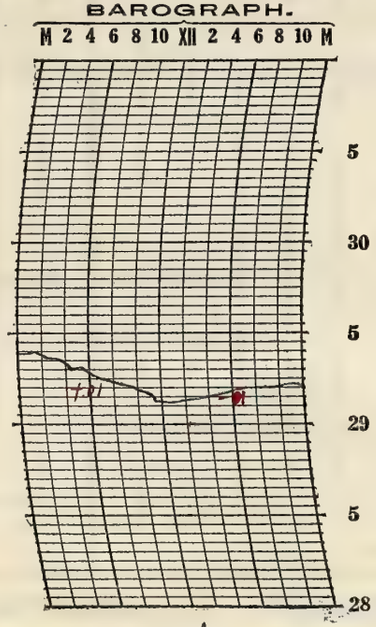


Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A light fog began at 7:05 a.m. and ended at 11:00 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) South Wayne, Ind., (Day of week) Sunday, (Date) OCT 28 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	42	42	40	38	38	39	40	41	42	42
Nature of precipitation and time of beginning and ending	RB DN2 RE DN2											
Amounts of precipitation	T											
Cloudiness and other conditions							Pt Cldy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	7	10	7	7	9	10	10	9	9	10	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	43	43	43	43	43	43	42	40	39	39
Nature of precipitation and time of beginning and ending				RB 3:00 RE 3:05								
Amounts of precipitation				T								
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	N	NW	NW	NW	NW	NW	N	N	N
Wind movement	9	6	8	9	8	8	6	8	8	6	6	4

State of weather.

Sunrise: Time, 6:07 Character, Cloudy
Moonrise:

Sunset: Time, 4:42 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

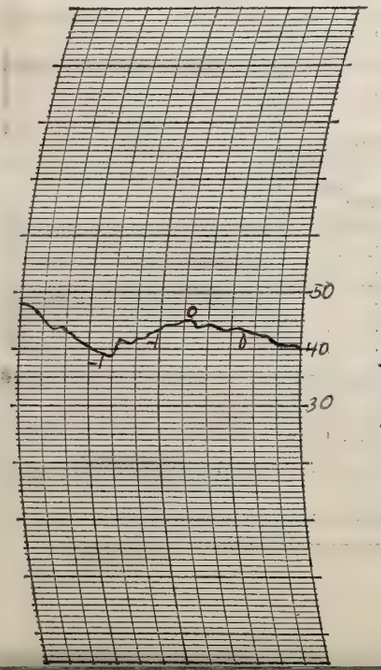
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	37	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 8:05 a.m.
Reduced barometer, 30.23 7 a. m, 30.27 7 p. m.
River gage, 0.7 feet
Relative humidity, 82 7 a. m. 64 7 p. m.

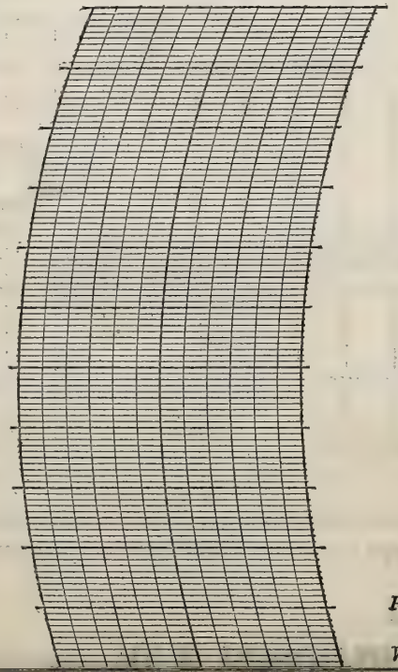
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 42.2 Wet temperature, 38.0
Dew-point, 33 R. humidity, 68 V. pressure, .187
Clouds: Amount, 10; Kind, stcu; Direction, W
Velocity of clouds (miles per hour)

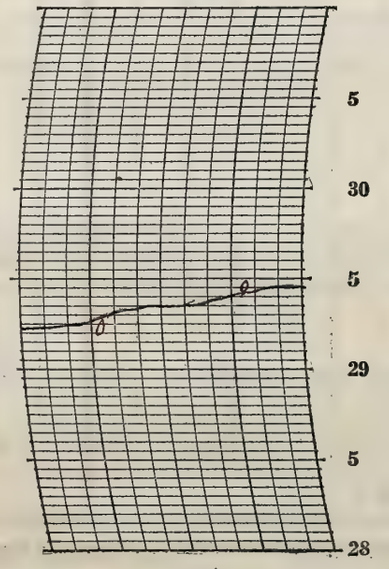
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

NOTES

There was a heavy dew in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 29 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	35	35	36	36	37	39	41	41	40
State of weather: Nature of precipitation and time of beginning and ending		RB DN2 RE DN2										
Amounts of precipitation		T										
Cloudiness and other conditions						Cloudy					Part	
Sunshine (in tenths of hours)							0	0	0	0	0	0.2
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW
Wind movement	5	4	3	2	3	3	3	4	4	5	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	43	43	41	39	38	36	35	34	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly Cloudy			X				Clear				
Sunshine (in tenths of hours)	0.6	0.2	0.2	0.2 0	0.68 0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE
Wind movement	10	10	10	10	7	7	6	6	6	5	3	4

Sunrise: Time, 6:09 Character, Cloudy
Moonrise: ____ ____

Sunset: Time, 4:41 Character, Clear
Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

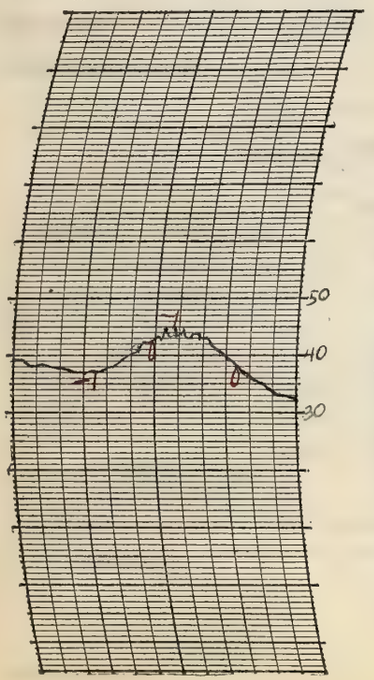
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase, ____
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 2.1 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 20
Prevailing wind direction, N Total wind, 135
Average hourly velocity, 5.6 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 2:07 pm
Reduced barometer, 30.44 7 a. m. 30.47 7 p. m.
River gage, 0.9 fall
Relative humidity, 78 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.2 Wet temperature, 34.9
Dew-point, 24 R. humidity, 46 V. pressure, .124
Clouds: Amount, 7; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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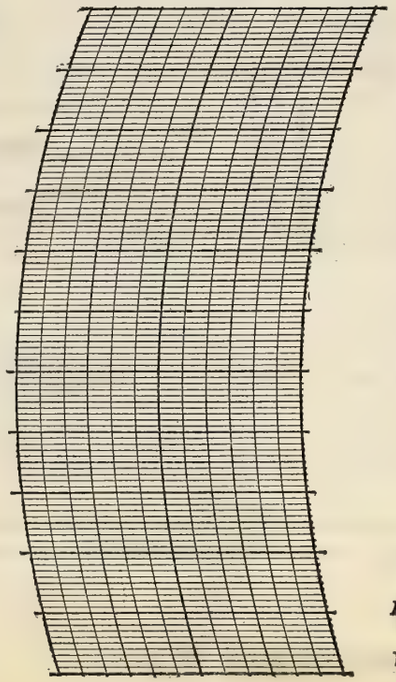
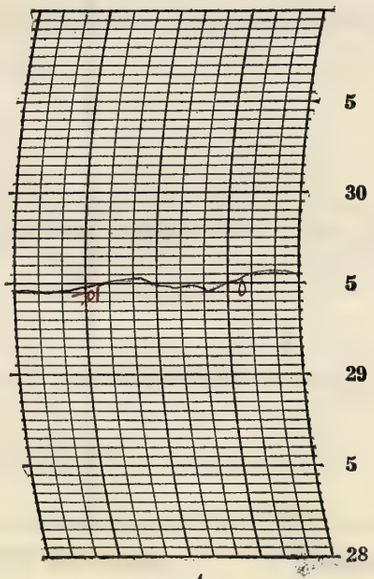


BAROGRAPH.



Prepared by [signature]
Verified by [signature]

8—486

NOTES

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 30 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	28	28	27	32	34	40	42	44
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				→		Part Cloudy	
Sunshine (in tenths of hours)							0.83	Ø 0.5	Ø 1.0	Ø 1.0	0.8	1.0
Wind direction	NE	NE	E	E	E	E	E	E	SE	SE	S	SW
Wind movement	5	6	5	4	2	3	2	3	3	3	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	47	45	44	44	44	42	40	40	37	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly Cloudy		→		Cloudy	→	Cly	→	Clear	
Sunshine (in tenths of hours)	1.0	0.8	1.0	0.9	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	7	5	5	4	3	2	3	4	5	8	7

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 6:10 Character, Clear

Moonrise:

Sunset: Time, 4:40 Character, Cloudy

Moonset:

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	27	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.3 Possible sunshine, hours, 10.5

Per cent of possible sunshine, 89

Prevailing wind direction, SW Total wind, 105

Average hourly velocity, 4.4 Extreme velocity, 8

Maximum velocity, 8 Direction, SW

Time began, 11:10 p. m.

Reduced barometer, 30.52 7 a. m. 30.36 7 p. m.

River gage, 1.0 feet

Relative humidity, 90 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

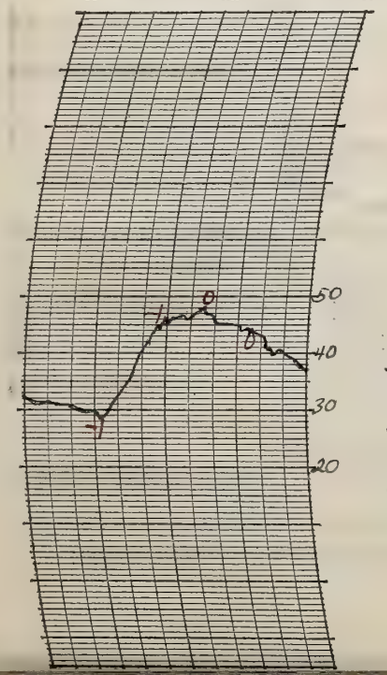
Dry temperature, 43.9 Wet temperature, 35.8

Dew-point, 24 R. humidity, 43 V. pressure, .124

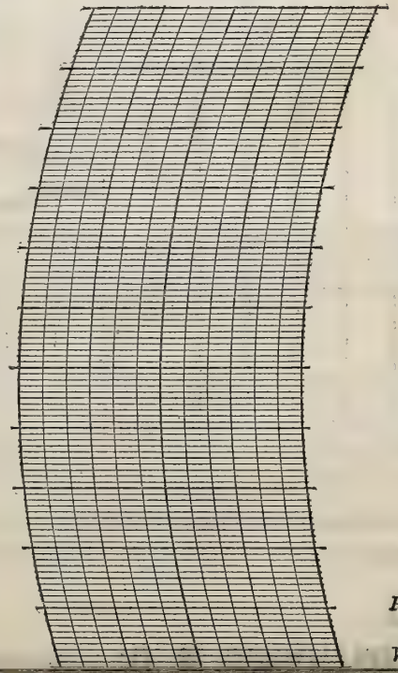
Clouds: Amount, 7; Kind, ci; Direction, SW

Velocity of clouds (miles per hour)

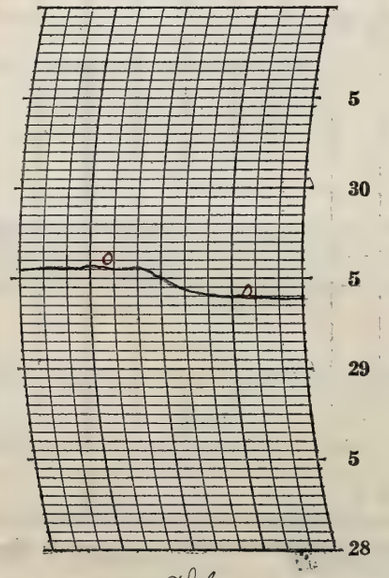
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.

Verified by E.L.H.

NOTES

Ø Smoky from 7:30 a – 9:45 a causing sunshine recorder to fail to operate (Lt smoke)

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 31 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	33	33	32	35	38	45	48	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)							0.8 0	0.3 0.7	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	7	8	8	6	6	6	5	6	6	6	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	53	54	53	51	50	49	47	46	45	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X		Pt Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	0							
Wind direction	SW	W	W	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	8	7	6	5	4	4	2	3	4	4	2	2

Sunrise: Time, 6:11 Character, Clear

Moonrise: ____ ____

Sunset: Time, 4:38 Character, Clear

Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.4 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 129

Average hourly velocity, 5.4 Extreme velocity, 10

Maximum velocity, 10 Direction, W

Time began, 11:10 pm

Reduced barometer, 30.35 7 a. m. 30.33 7 p. m.

River gage, 1.5 feet

Relative humidity, 75 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

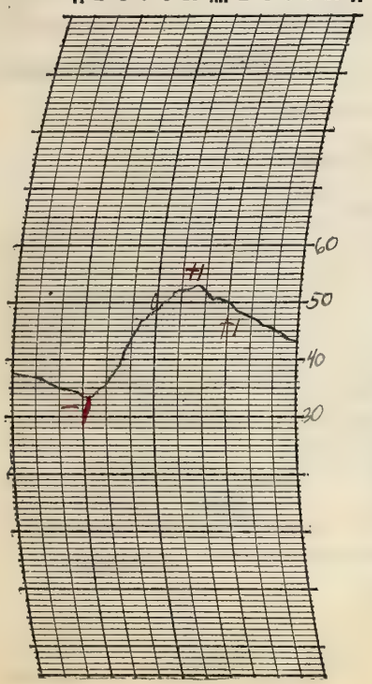
Dry temperature, 48.9 Wet temperature, 39.7

Dew-point, 27 R. humidity, 42 V. pressure, .143

Clouds: Amount, 4; Kind, Cu Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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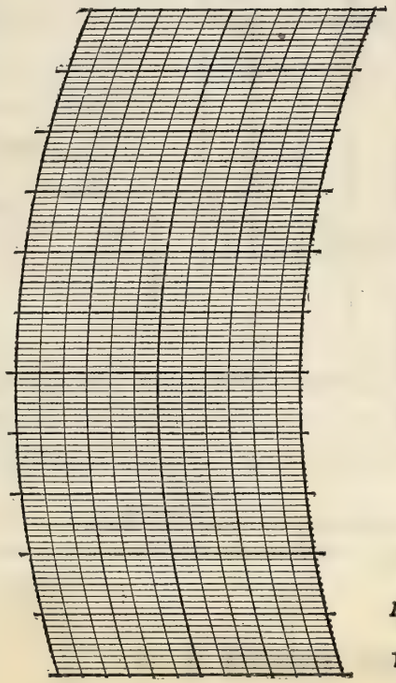
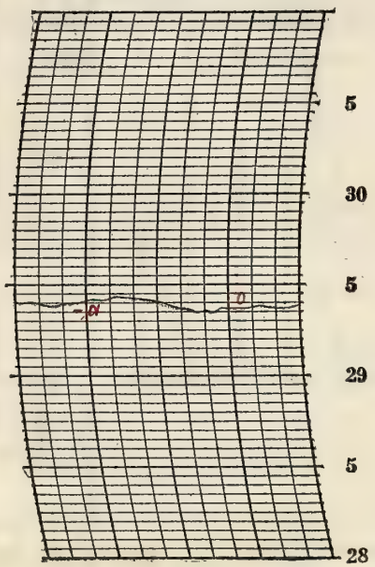


BAROGRAPH.



Prepared by J.S.

Verified by E. L. H.

8—486

NOTES

A beautiful lunar corona was observed in the morning at 5:00 a.m. The colors were the most brilliant observed in years. In the evening a 22° lunar halo was observed at 11:15 p.m.

Mostly clear beautiful day. High clouds at night with moon shining thru at times. Beautiful evening, weather ideal for the large crowds that were on the streets.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 1 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	39	38	38	37	37	38	40	43	47	51	51	52	53	52	51	49	47	46	46	45	44	43	43
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:30					RE DNP	
Amounts of precipitation																		T	.01	.01	.02	.01	.01	
Cloudiness and other conditions							← Fog					Cloudy												→
Sunshine (in tenths of hours)							0	0	0	0	0.4	1.0	0.5	0.1	0	0	0							
Wind direction	S	O	S	S	S	S	SE	SE	SE	SE	SE	SE	E	E	E	E	NE	NE	NE	E	E	E	E	E
Wind movement	2	0	1	2	2	3	3	2	3	2	3	5	5	5	7	6	7	7	8	7	8	7	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:12 Character, Cloudy
Moonrise:
Sunset: Time, 4:37 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

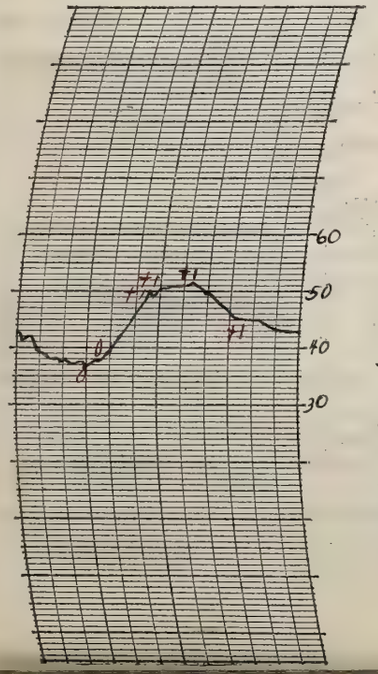
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.6 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 19
Prevailing wind direction, E Total wind, 112
Average hourly velocity, 4.7 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 8:35 p.m.
Reduced barometer, 30.35 7 a. m. 30.30 7 p. m.
River gage, 0.5 feet
Relative humidity, 71 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.8 Wet temperature, 41.2
Dew-point, 29 R. humidity, 42 V. pressure, .157
Clouds: Amount, 10; Kind, St.; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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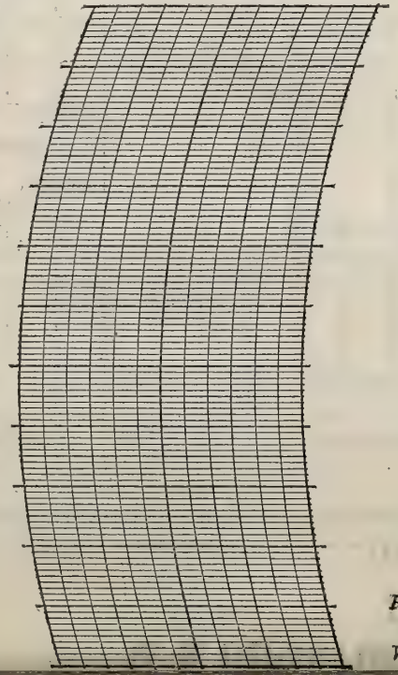
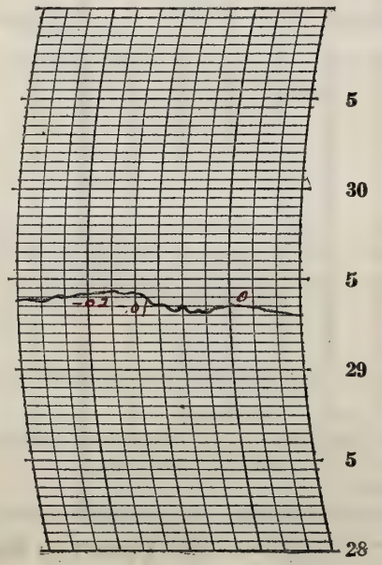


BAROGRAPH.



Prepared by C.J.
Verified by E.L.H.

NOTES

There was a light fog in the morning from 6:20 a.m. till 9:45 a.m. It was cloudy all day with a light to gentle easterly wind prevailing. Visibility was poor and the streets were quite slippery.

Special observation requested by Chicago.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 2 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	43	44	44	44	44	44	45	45	45
State of weather: Nature of precipitation and time of beginning and ending		RB DN2										
Amounts of precipitation		0.1	0.2	T	0.1	0.3	0.3	0.7	0.3	0.1	0.4	0.1
Cloudiness and other conditions									Fog			Cloudy
Sunrise: Time, 6:13 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	7	9	11	11	12	13	12	13	12	11	10
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	46	46	46	46	46	46	46	47	47
State of weather: Nature of precipitation and time of beginning and ending												R Cont
Amounts of precipitation	T	T	0.1	T	T	T	T	0.1	0.1	T	T	0.2
Cloudiness and other conditions												
Sunset: Time, 4:36 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	10	13	11	11	9	11	9	7	7	6	3

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	43	45	

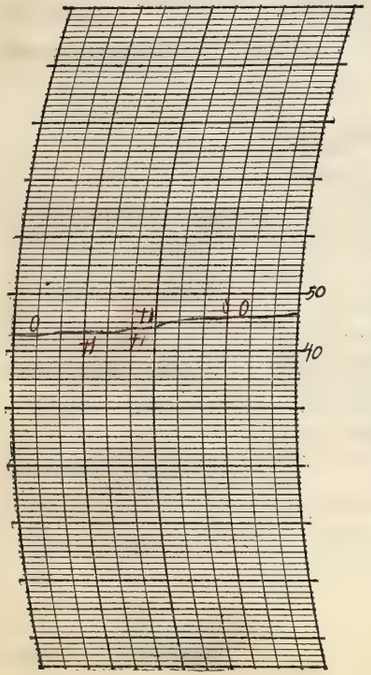
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.14 ins.; to 7 p. m., 1.20 ins.
Total precipitation, midnight to midnight, 0.33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 238
Average hourly velocity, 9.9 Extreme velocity, 16
Maximum velocity, 16 Direction, E
Time began, 2:49 p.m.
Reduced barometer, 30.22 7 a. m., 30.02 7 p. m.
River gage, 0.9 feet
Relative humidity, 96 7 a. m. 98 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.9 Wet temperature, 44.2
Dew-point, 44 R. humidity, 95 V. pressure, .287
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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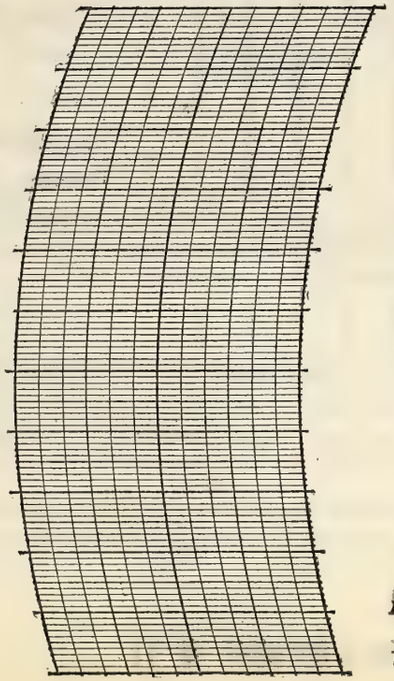
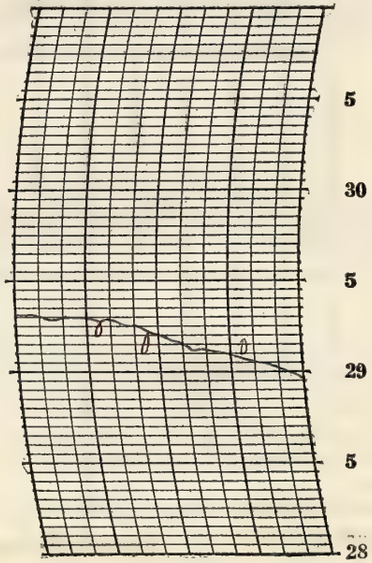


BAROGRAPH.



Prepared by CJJ

Verified by E. L. H.

8—486

NOTES

Slippery dangerous streets; visibility poor. Dense fog occurred from 7:20 a.m. to 11:00 a.m.

Special observation requested by Chicago

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 3 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	50	51	49	49	48	48	46	44	43	45	45	46	46	45	45	45	45	44	44	44	44	43
State of weather: Nature of precipitation and time of beginning and ending	R cont	RE DNa						RB 7:33			RE 10:15									RB 7:03 RE 7:15				
Amounts of precipitation	T	T						T	.01	.01	T									T				
Cloudiness and other conditions	Cloudy & Fog																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	S	SW	SW	W	SW	SW	SW	W	SW	SW	W	SW	SW	W	W	NW	N	NW	NW	N	N	N	N
Wind movement	2	4	4	7	6	6	8	11	10	10	11	8	8	6	7	6	7	6	7	6	8	7	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:15 Character, Cloudy
Moonrise:
Sunset: Time, 4:35 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	43	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 164
Average hourly velocity, 6.8 Extreme velocity, 16
Maximum velocity, 16 Direction, SW
Time began, 10:03 2 m
Reduced barometer, 29.96 a. m. 29.87 7 p. m.
River gage, 1.2 feet
Relative humidity, 90 7 a. m. 94 7 p. m.

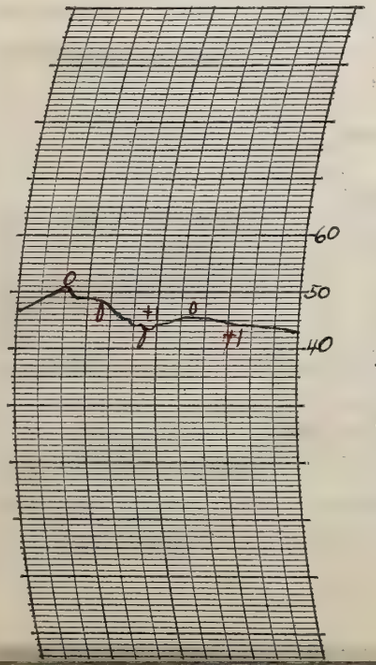
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

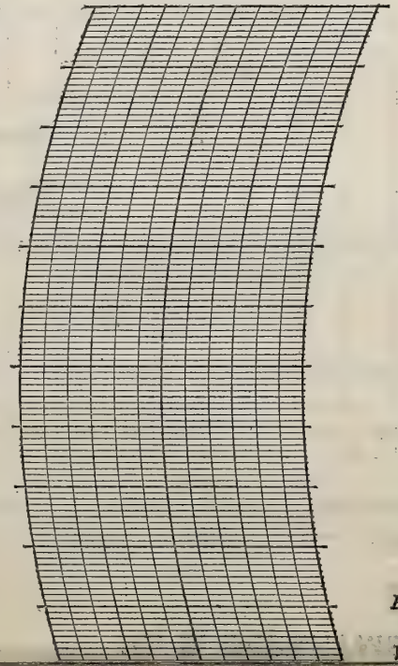
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.9 Wet temperature, 44.6
Dew-point, 44 R. humidity, 98 V. pressure, .287
Clouds: Amount, 10; Kind, St Fog; Direction, SW
Velocity of clouds (miles per hour)

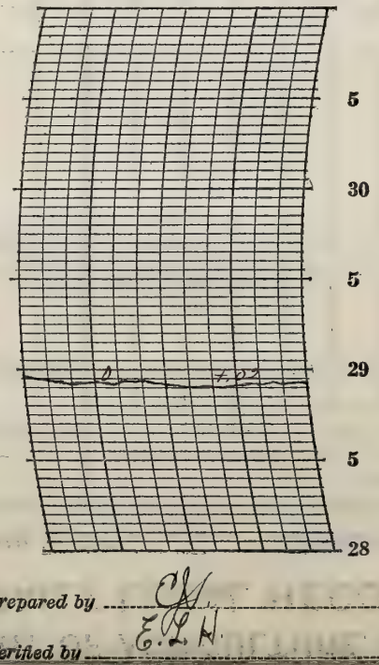
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

Very slippery, dangerous streets; visibility poor with a light fog from 8:00 a.m. to 5:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 4 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	40	38	36	35	36	39	44	48	52	54	54	54	54	52	50	47	46	44	42	41	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←	Clear					×	PT	Cloudy				×	Clear										→
Sunshine (in tenths of hours)							0.53 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.37 0.2							
Wind direction	N	N	N	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	4	6	5	5	6	5	5	6	6	8	9	12	14	12	12	11	7	7	6	7	7	9	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:16 Character, Clear
Moonrise:
Sunset: Time, 4:34 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

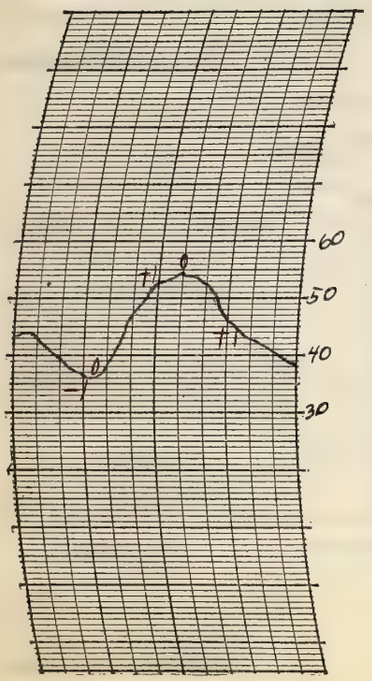
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	35	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.3 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 19
Maximum velocity, 17 Direction, W
Time began, 12:18 p.m.
Reduced barometer, 29.90 7 a. m. 29.97 7 p. m.
River gage, 0.8 feet
Relative humidity, 91 7 a. m. 49 7 p. m.

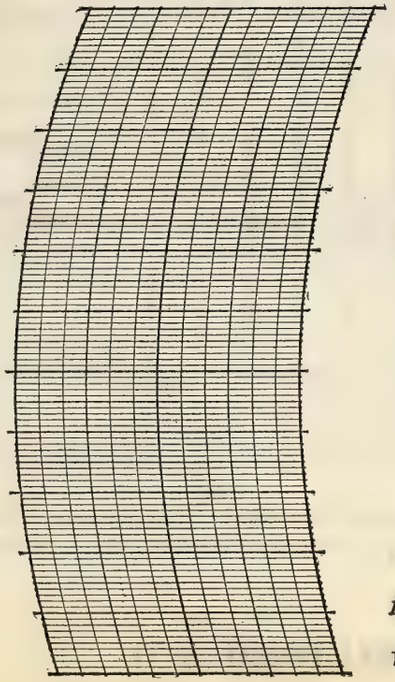
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 42.3
Dew-point, 28 R. humidity, 35 V. pressure, .150
Clouds: Amount, 6; Kind, ci.; Direction, N
Velocity of clouds (miles per hour)

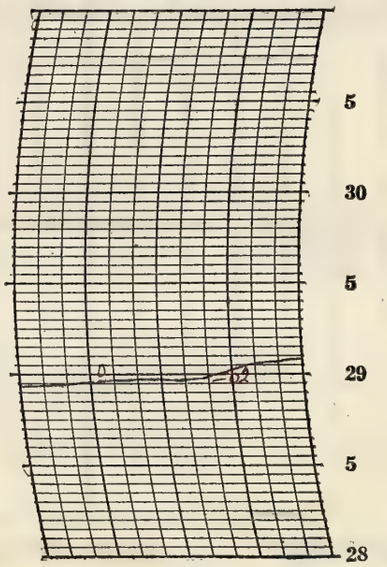
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C. L.
Verified by E. L.

NOTES

A beautiful clear day with temperatures close to normal and light to moderate westerly winds prevailing. A heavy frost occured in the early morning.

8—486

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 5 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	37	37	38	38	40	43	50	53	54	58	57	56	54	51	50	50	49	49	49	49	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cldy ×		Pt Cldy ×		Clear						× Cldy	Cldy ×	Pt Cloudy					→
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	6	9	7	6	7	9	8	9	13	13	17	15	17	14	11	12	12	13	15	16	16	16
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:17 Character, Cloudy
Moonrise:
Sunset: Time, 4:32 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

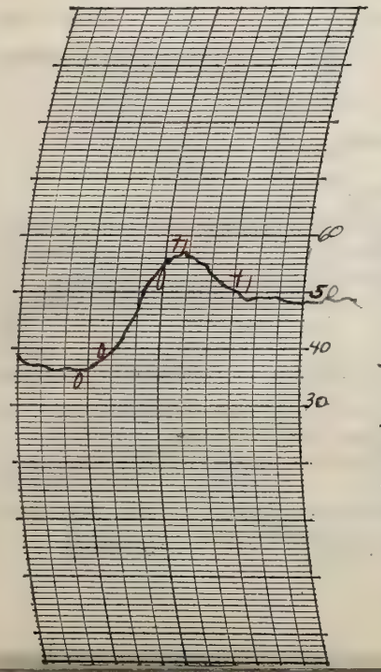
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	36	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.3 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 62
Prevailing wind direction, SW Total wind, 274
Average hourly velocity, 11.4 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 9:40 p.m.
Reduced barometer, 30.03 7 a. m. 29.83 7 p. m.
River gage, 0.7 feet
Relative humidity, 70 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.2 Wet temperature, 45.1
Dew-point, 35 R. humidity, 48 V. pressure, 203
Clouds: Amount, 1; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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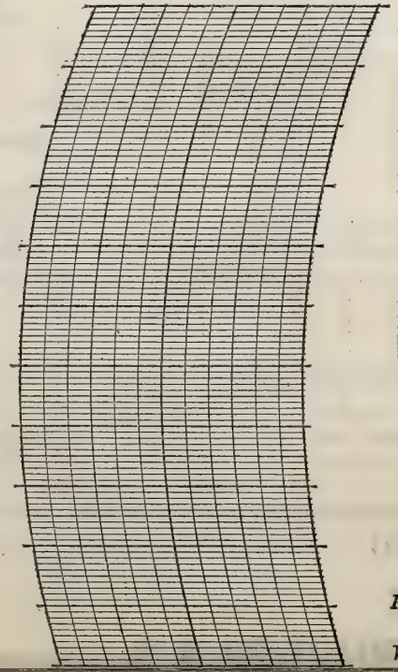
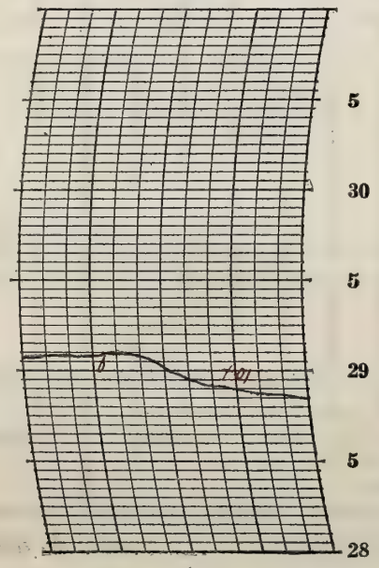


BAROGRAPH.



Prepared by C.J.
Verified by E.L.H.

NOTES

The day as a whole was partly cloudy with the brightest stars visible in the evening and the sky becoming clearer later in the night. A moderate to light southwest wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 6 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	50	50	49	47	46	48	51	53	55	55	57	58	58	56	54	52	52	47	48	47	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy				—				Cloudy											→
Sunshine (in tenths of hours)							0.70 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.2							
Wind direction	SW	SW	SW	W	W	NW	NW	W	W	W	W	NW	W	W	NW	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	16	17	13	12	14	15	10	9	10	9	10	14	12	14	13	10	7	4	5	8	7	6	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:18 Character, Clear
Moonrise:
Sunset: Time, 4:31 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

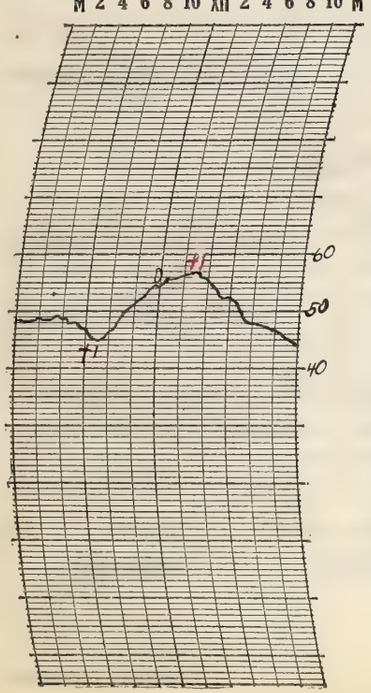
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	44	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 10.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 252
Average hourly velocity, 10.5 Extreme velocity, 22
Maximum velocity, 22 Direction, NW
Time began, 5:28 a.m.
Reduced barometer, 29.90 7 a. m. 30.01 7 p. m.
River gage, 0.9 feet
Relative humidity, 73 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.3 Wet temperature, 43.1
Dew-point, 28 R. humidity, 34 V. pressure, .150
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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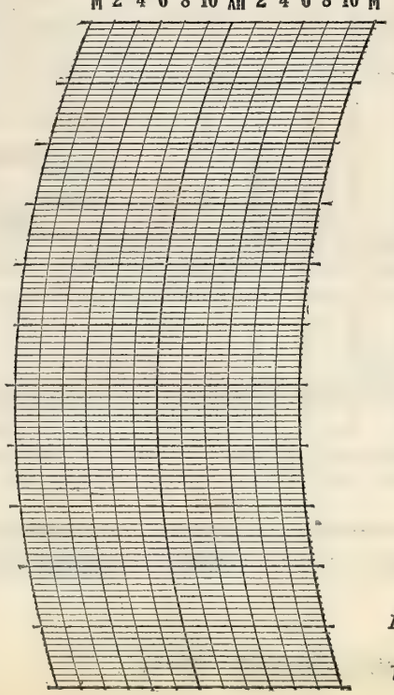
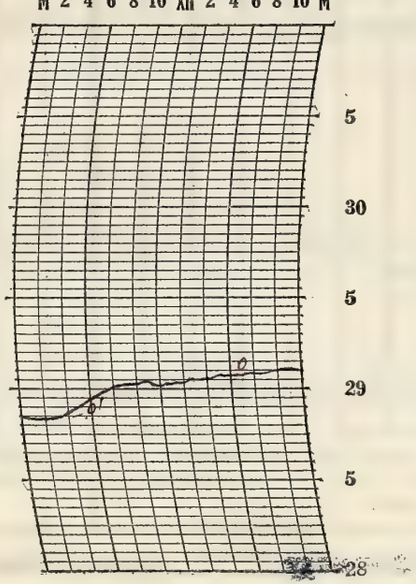


BAROGRAPH.



Prepared by C.J.S.
Verified by E.A.H.

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 7 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	44	43	42	39	42	44	47	48	50	52	53	52	52	53	53	52	52	53	53	53	48	46
State of weather: Nature of precipitation and time of beginning and ending										RB 9:29					RE 2:30			RB 5:30						RE DNP
Amounts of precipitation										T	T	T	T	01	04			T	03	T	01	T	01	T
Cloudiness and other conditions							Pt Cldy						Cloudy											

Sunrise: Time, 6:19 Character, Clear
Moonrise:
Sunset: Time, 4:30 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0.6	0.3	0	0	0.1	0.2	0.2	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW
Wind movement	7	4	3	5	4	5	5	7	8	10	10	9	9	10	9	10	11	12	12	13	10	10	15	15
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

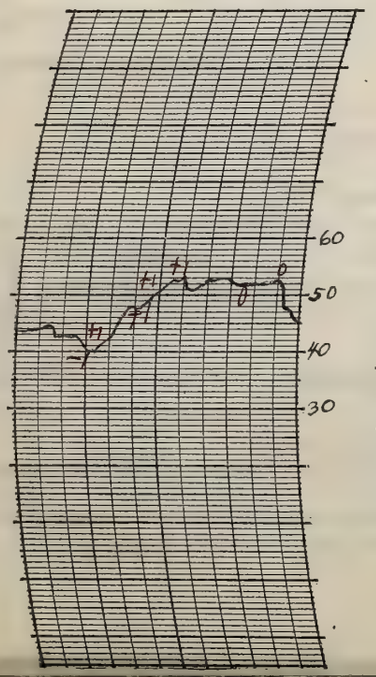
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	54	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.45 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 14.5
Prevailing wind direction, SW Total wind, 213
Average hourly velocity, 8.9 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 10:18 p.m.
Reduced barometer, 30.01 7 a. m. 29.73 7 p. m.
River gage, 0.9 feet
Relative humidity, 64 7 a. m. 99 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.9 Wet temperature, 46.0
Dew-point, 40 R. humidity, 64 V. pressure, .247
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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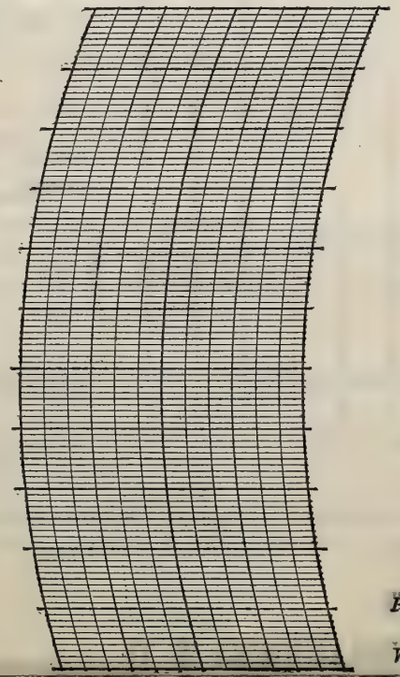

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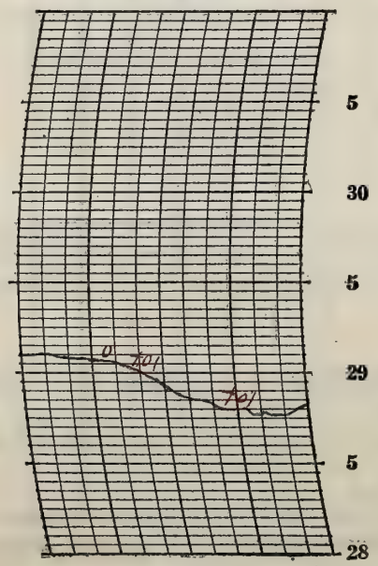


Prepared by C.J.
Verified by E.L.A.

NOTES

Special observation requested by Chicago

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 8 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	44	44	42	42	44	45	46	47	48
State of weather: Nature of precipitation and time of beginning and ending											RB 10.17 RE 10.25	RB 11.56 RE 11.59
Amounts of precipitation											T	T
Cloudiness and other conditions					←						Cloudy X	
Sunshine (in tenths of hours)							0	0	0.2	0.9	0.5	0.7
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	N	N
Wind movement	16	14	14	15	10	8	7	9	10	9	13	11

Sunrise: Time, 6:21 Character, Cloudy
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	47	44	43	41	40	39	39	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cldy X				Clear					→
Sunshine (in tenths of hours)	0.8	0.5	0.9	1.0	0.4 0							
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	9	9	12	13	9	8	6	7	4	4	3	2

Sunset: Time, 4:29 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

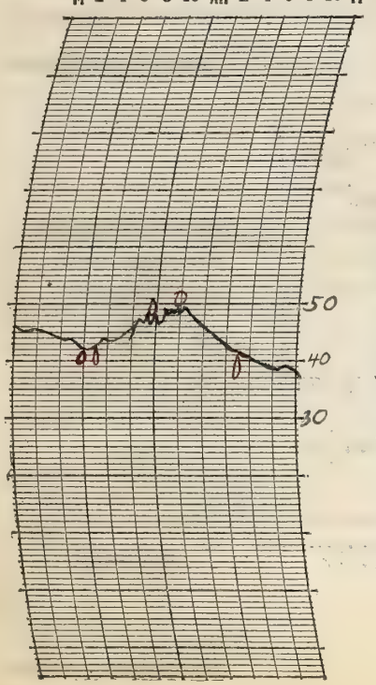
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.9 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 58
Prevailing wind direction, NW Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 23
Maximum velocity, 20 Direction, NW
Time began, 12:27 a. m.
Reduced barometer, 29.93 7 a. m. 30.14 7 p. m.
River gage, 1.1 feet
Relative humidity, 95 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.3 Wet temperature, 42.8
Dew-point, 36 R. humidity, 63 V. pressure, .211
Clouds: Amount, 8; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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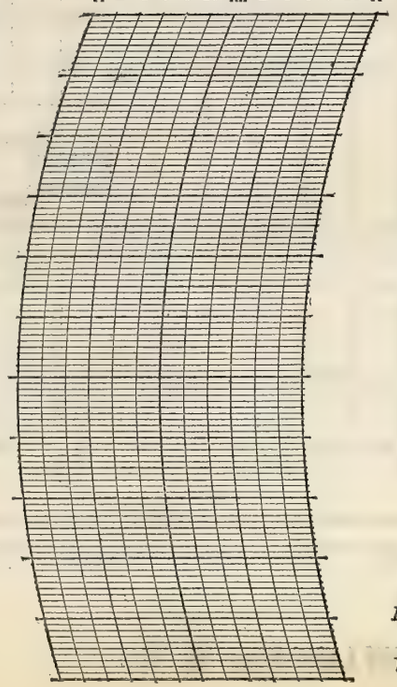
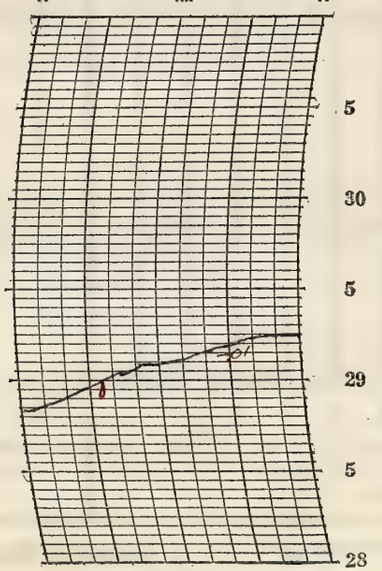


BAROGRAPH.



Prepared by C.F.
Verified by E.L.

8—486

NOTES

The sun sank behind a bank of clouds a few minutes before sunset.

Form No. 1014–Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 9 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	37	37	37	35	34	34	34	33	34	35	37	38	40	40	40	40	39	38	38	38	37	36	34
State of weather: Nature of precipitation and time of beginning and ending																							S m B 10.10	
Amounts of precipitation																							T	T
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.2	0	0	0							
Wind direction	W	NW	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	NE	NE	E
Wind movement	2	3	3	7	7	10	7	9	10	7	6	6	4	3	4	4	3	6	5	6	5	5	7	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:22 Character, Cloudy
Moonrise:
Sunset: Time, 4:28 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

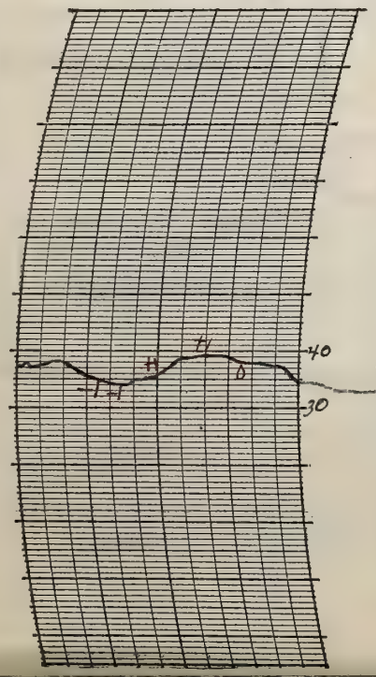
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 2
Prevailing wind direction, NE Total wind, 134
Average hourly velocity, 5.6 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 8:02 a.m.
Reduced barometer, 30.27 7 a. m. 30.29 7 p. m.
River gage, 1.1 feet
Relative humidity, 81 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.6 Wet temperature, 33.6
Dew-point, 30 R. humidity, 74 V. pressure, 16.4
Clouds: Amount, 10; Kind, stcu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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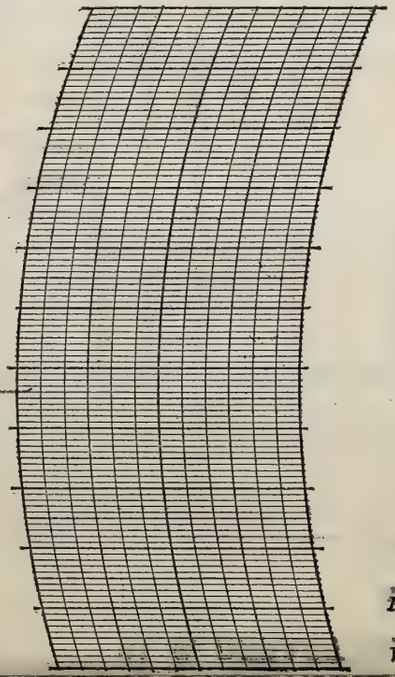
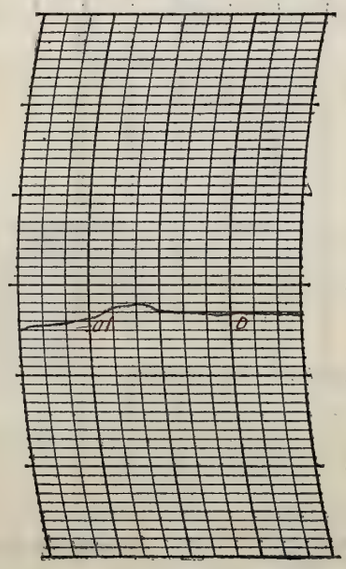


BAROGRAPH.



Prepared by C.S.
Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 10 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	32	32	32	33	35	36	36	39	42	44	43	43	42	42	41	40	39	39	39
State of weather: Nature of precipitation and time of beginning and ending								S M E 7:30																
Amounts of precipitation				0.7				T																
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0.9	0.3	0	0.1	1.0	0.8	0.4	0.4	0							
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	N	NW	NW	NW	NW	W	SW	SW	SW	SW
Wind movement	4	4	3	4	4	4	3	4	5	6	5	6	4	5	4	6	4	4	4	4	6	5	7	5

Sunrise: Time, 6:23 Character, Cloudy
Moonrise:
Sunset: Time, 4:27 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

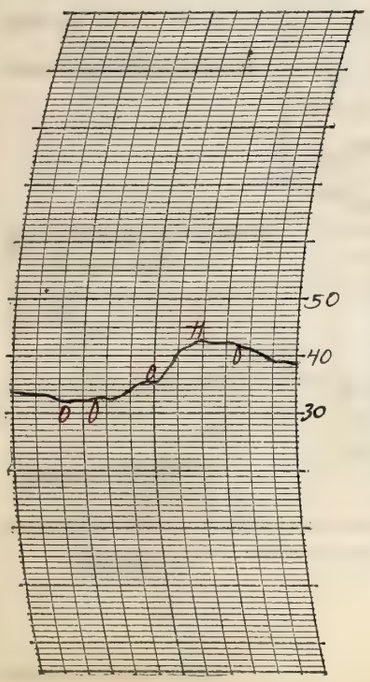
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	32	38	

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.2 inches.
Precipitation to 7 a. m., 0.7 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.9 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 39
Prevailing wind direction, NE Total wind, 110
Average hourly velocity, 4.6 Extreme velocity, 8
Maximum velocity, 8 Direction, N
Time began, 1:10 pm
Reduced barometer, 30.27 7 a. m. 30.25 7 p. m.
River gage, 1.1 feet
Relative humidity, 78 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.9 Wet temperature, 34.0
Dew-point, 31 R. humidity, 83 V. pressure, 1.22
Clouds: Amount, 10; Kind, st cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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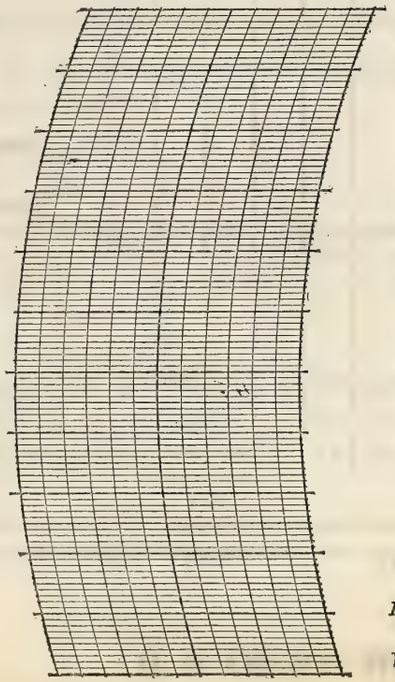
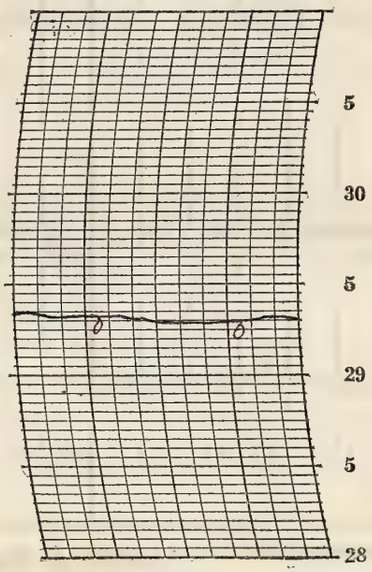


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

8—486

NOTES

It was snowing during the early morning until 7:30 a.m. The sky continued cloudy throughout the rest of the day. Temperatures were slightly below normal with a light wind prevailing

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 11 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	35	34	34	34	33	35	36	37	40	42	45	48	52	52	51	48	48	48	48	49	50	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy																			→
Sunshine (in tenths of hours)							0	0	0	0.8	0.7	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	S	S	SW	S	SW	SW	SW	SW	SW	W	W
Wind movement	6	6	6	8	8	9	8	10	11	12	13	13	14	14	16	16	14	14	11	14	14	14	10	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:24 Character, Cloudy
Moonrise:
Sunset: Time, 4:26 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

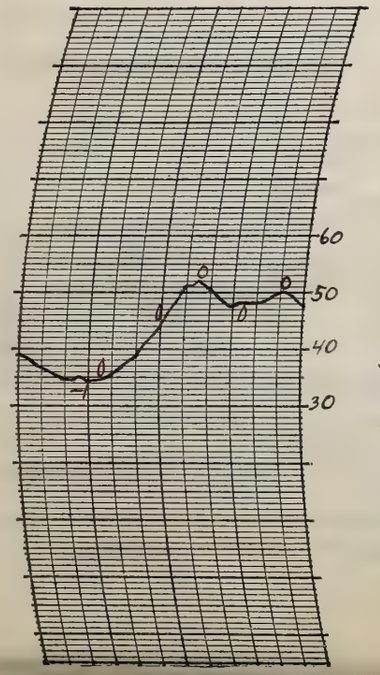
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind, 269
Average hourly velocity, 11.2 Extreme velocity, 23
Maximum velocity, 22 Direction, S
Time began, 2:28 p.m.
Reduced barometer, 30.237 a. m. 29.967 p. m.
River gage, 1.0 feet
Relative humidity, 85 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.7 Wet temperature, 40.4
Dew-point, 35 R. humidity, 69 V. pressure, .203
Clouds: Amount, 8; Kind, Cirro; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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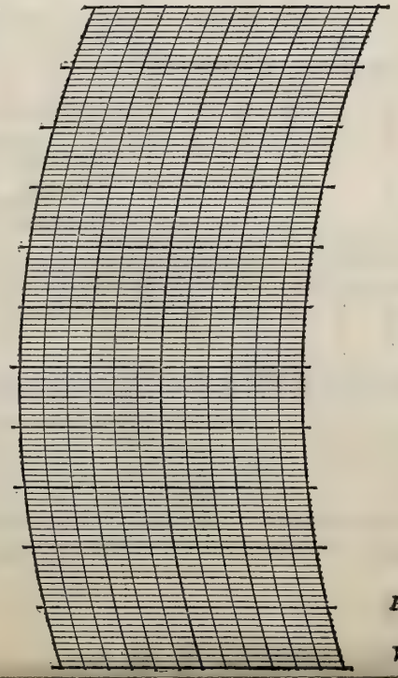

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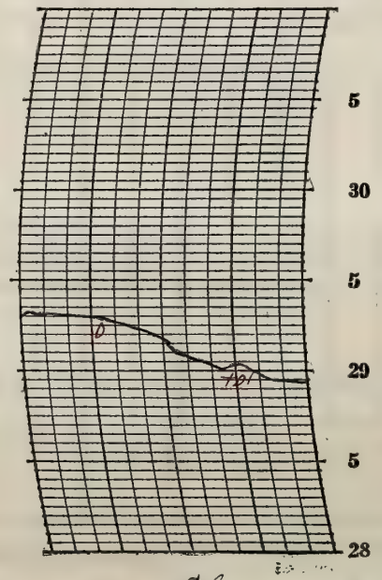


Prepared by [illegible]

Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 12 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	48	47	46	46	45	45	45	45	46	45	45	46	45	44	44	43	42	41	40	38	37	36
State of weather: Nature of precipitation and time of beginning and ending							RB 6:25 RE 6:45	RB 7:00 RE 7:10					RB 12:20 RE 12:25						RB 6:15 RE 6:30					
Amounts of precipitation							T	T					T						T					
Cloudiness and other conditions					Cloudy			PT Cldy					Cloudy								Clear			

Sunrise: Time, 6:25 Character, Cloudy

Moonrise:

Sunset: Time, 4:25 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.5	0.2	0.8	0.7	1.0	1.0	0	0	0							
Wind direction	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW	N
Wind movement	11	14	14	18	17	15	16	16	22	20	21	20	24	22	20	19	16	13	10	10	9	6	5	4
Maximum velocities (exceeding 24 miles) direction and time													29 N 12:05	27 NW 1:17										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PT Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.2 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 42

Prevailing wind direction, NW Total wind, 362

Average hourly velocity, 15.1 Extreme velocity, 32

Maximum velocity, 29 Direction, N

Time began, 12:05 p m

Reduced barometer, 30.00 7 a. m. 30.26 7 p. m.

River gage, 1.0 fall

Relative humidity, 75 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

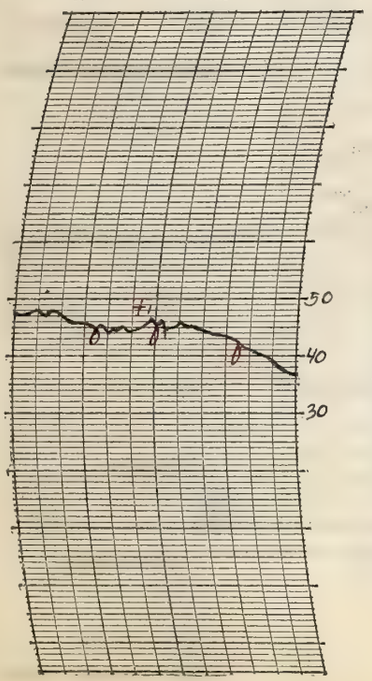
Dry temperature, 44.9 Wet temperature, 39.8

Dew-point, 33 R. humidity, 64 V. pressure, .182

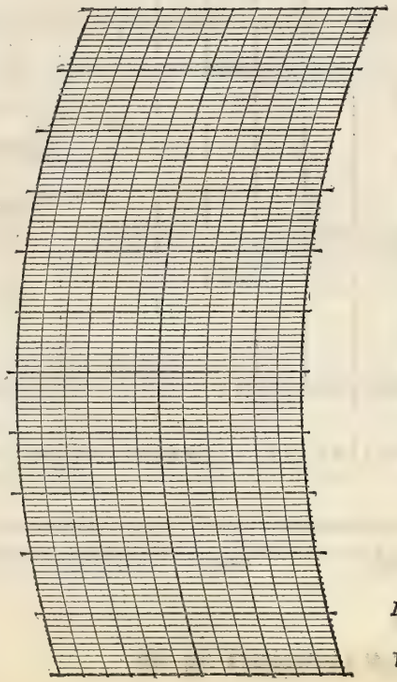
Clouds: Amount, 5; Kind, stcu; Direction, NW

Velocity of clouds (miles per hour)

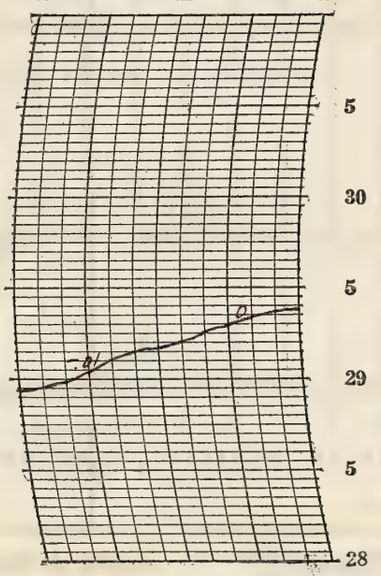
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A nice beautiful day with some light sprinkles. It was mostly cloudy during the morning but cleared up by late evening. The afternoon was pleasant. A light to strong northerly wind prevailed during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 13 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	33	31	31	31	35	40	42	44	47	49	51	52	51	49	46	45	44	43	41	41	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Part		Cloudy											
Sunrise: Time, Character,	6:26 Clear																							
Moonrise:																								
Sunset: Time, Character,																					4:25 Cloudy			
Moonset:																								
Sunshine (in tenths of hours)							0.57 0	0.6 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0							
Wind direction	N	NE	N	N	NW	E	NE	NE	S	S	S	SW	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	5	3	2	2	1	1	1	1	6	10	8	10	9	9	9	8	6	7	9	7	7	8	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	30	41	

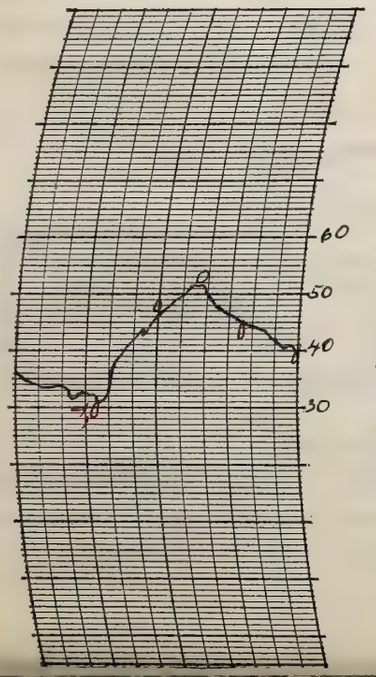
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.9 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 89
Prevailing wind direction, S Total wind, 143
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:20 p.m.
Reduced barometer, 30.45 7 a. m. 30.29 7 p. m.
River gage, 4.0 feet
Relative humidity, 84 7 a. m. 60 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

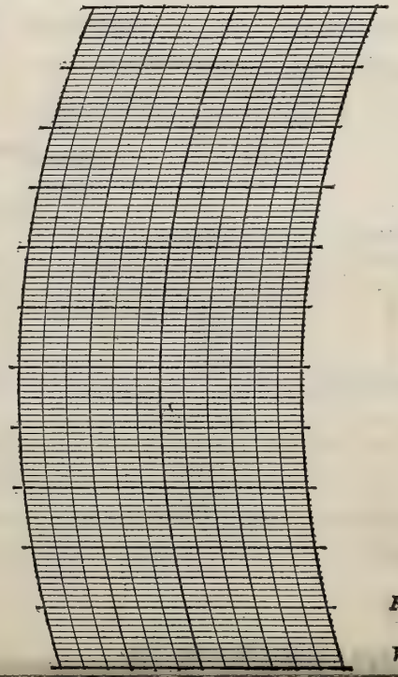
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 46.9 Wet temperature, 39.9
Dew-point, 31 R. humidity, 54 V. pressure, 172
Clouds: Amount, 2; Kind, Cu St Direction, SW
Velocity of clouds (miles per hour)

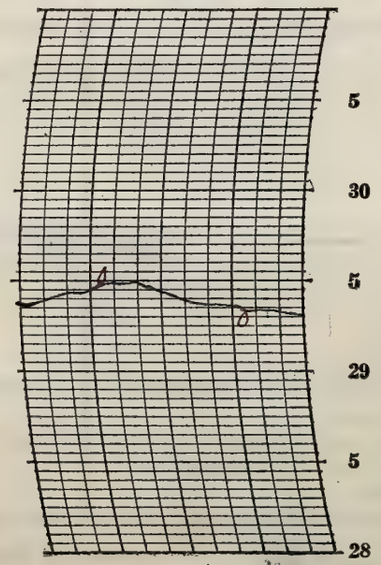
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 14 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	42	42	43	44	45	50	54	55	55	55	56	55	56	55	53	54	55	56	57	57	57
																	RR 4:50	RE 5:30						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	T	T						
Cloudiness and other conditions					←	Cloudy	X	PC	Cldy	X					Cloudy									→

Sunrise: Time, 6:28 Character, Cloudy

Moonrise:

Sunset: Time, 4:24 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	0.6	0.4	0.2	0.4	0	0							
Wind direction	S	S	S	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	7	6	6	8	10	11	15	15	17	17	17	16	14	12	16	15	15	20	20	20	18	17
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	41	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 4.0 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 40

Prevailing wind direction, SW Total wind, 325

Average hourly velocity, 13.5 Extreme velocity, 28

Maximum velocity, 24 Direction, SW

Time began, 7:57 p.m.

Reduced barometer, 30.21 7 a. m. 30.09 7 p. m.

River gage, 0.9 feet

Relative humidity, 61 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

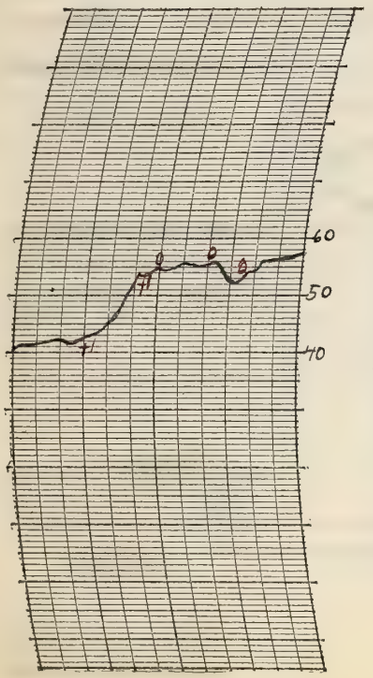
Dry temperature, 55.1 Wet temperature, 44.1

Dew-point, 31 R. humidity, 39 V. pressure, .172

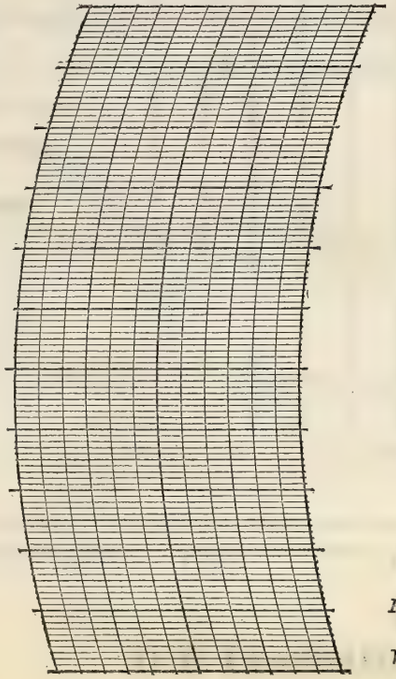
Clouds: Amount, 4; Kind, Ci St; Direction, S

Velocity of clouds (miles per hour)

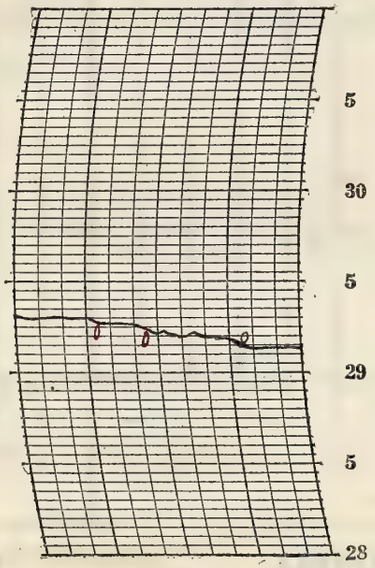
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Mostly cloudy with a rain in the late afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 15 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	58	58	59	60	59	59	60	63	66	68	68	68	67	67	66	65	63	62	61	61	61	61	61
State of weather: Nature of precipitation and time of beginning and ending	RB DNa RE DNa																							
Amounts of precipitation	T																							
Cloudiness and other conditions				Pt.	Cl.	Clear					Part Cloudy									Cloudy				
Sunshine (in tenths of hours)							0.5 0	2 0.3 0.7	0.6	1.0	1.0	1.0	1.0	1.0	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	17	16	17	20	17	17	19	20	23	22	19	18	20	18	12	11	9	11	11	10	12	10	8
Maximum velocities (exceeding 25 miles) direction and time										28 SW 9:56														

Sunrise: Time, 6:29 Character, Clear
Moonrise:
Sunset: Time, 4:23 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

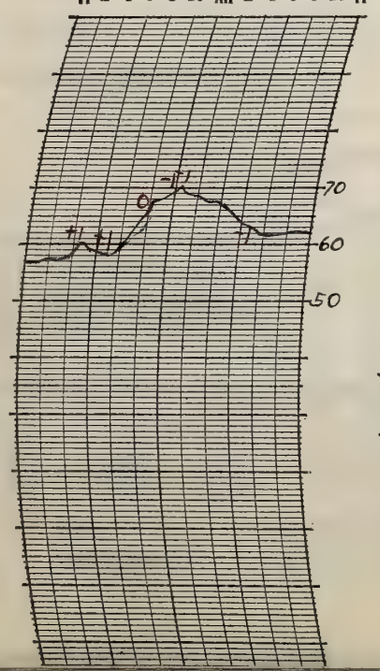
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	57	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.5 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind, 375
Average hourly velocity, 15.6 Extreme velocity, 33
Maximum velocity, 28 Direction, SW
Time began, 9:56 a.m.
Reduced barometer, 30.10 7 a. m. 30.18 7 p. m.
River gage, 0.9 feet
Relative humidity, 83 7 a. m. 85 7 p. m.

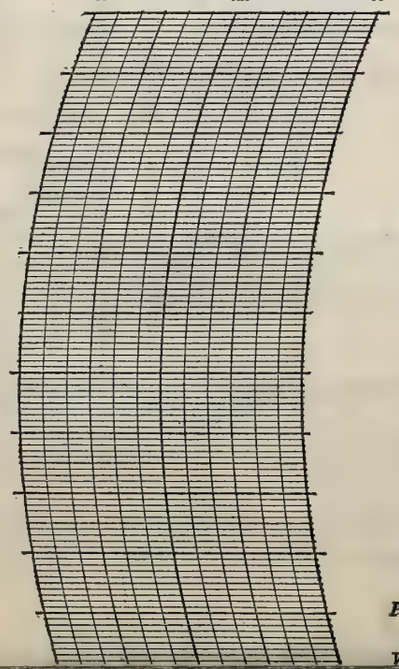
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 58.0
Dew-point, 51 R. humidity, 56 V. pressure, .373
Clouds: Amount, 3/4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

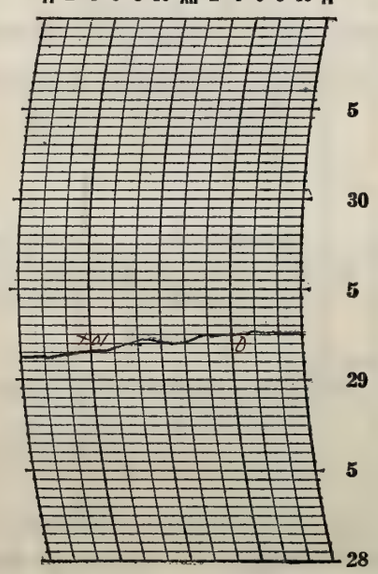
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.H.
Verified by G.H.

NOTES

The day as a whole was partly cloudy

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 16 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	59	59	59	58	58	57	57	58	58	58	59	60	60	60	60	61	61	62	61	61
State of weather: Nature of precipitation and time of beginning and ending		RB DNa RE DNa						RB 7:20												AE 7:30				
Amounts of precipitation		.01						←.10	→	.24	0.34	.07	0.8	0.2	T	T	T	T	0.1	T				
Cloudiness and other conditions					←						Cloudy													→

Sunrise: Time, 6:30 Character, Cloudy
Moonrise:
Sunset: Time, 4:22 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	10	10	9	9	8	9	10	9	9	11	11	12	12	13	15	14	11	10	12	16	16	14
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

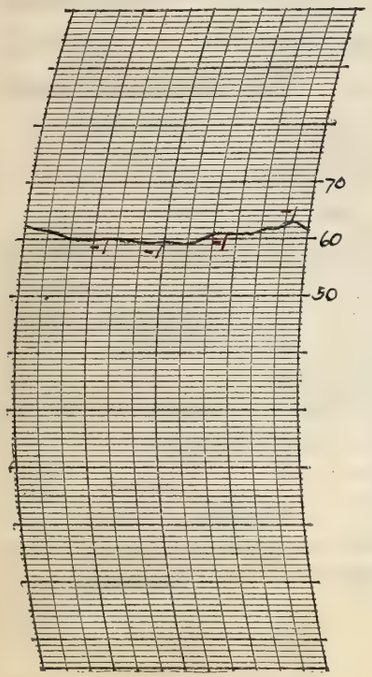
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	57	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0.86 ins.
Total precipitation, midnight to midnight, 0.87 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 267
Average hourly velocity, 11.1 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 9:46 pm
Reduced barometer, 30.13 7 a. m. 30.00 7 p. m.
River gage, 0.9 feet
Relative humidity, 89 7 a. m. 91 7 p. m.

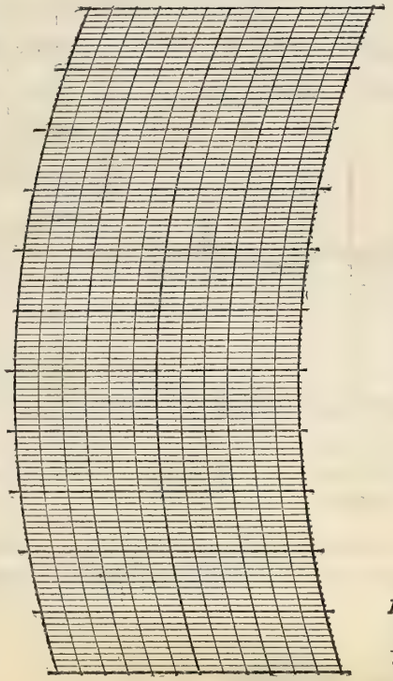
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 57.8
Dew-point, 58 R. humidity, 99 V. pressure, .482
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour) —

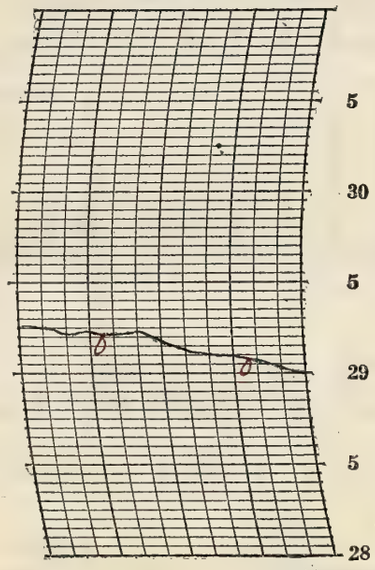
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.H.

8—486

NOTES

A heavy rain fell in the morning and early part of the afternoon with light traces during the rest of the afternoon and at night. This is the largest individual rain since Aug. 5 of this year.

A cloudy rainy day, cloudy at night but no fog and no precipitation after 8:00 p.m. Streets nearly dry after 8:00 p.m. The rain fell in the form of a mist during the late afternoon and early evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 17 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	60	60	60	62	63	66	69	70
Nature of precipitation and time of beginning and ending		RB DN1 RE DN1										
Amounts of precipitation		T										
Cloudiness and other conditions					← Cloudy			→ P.T. Cloudy				
Sunrise: Time, 6:31 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	13	14	14	14	15	13	13	14	12	19	20
Maximum velocities (exceeding 25 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	62	59	60	60	59	59	57	57	57	55	52
Nature of precipitation and time of beginning and ending	RB 12:52 RE 1:00	RB 1:28				RE 5:26						
Amounts of precipitation	T	.04	.14	T	.21	.03						
Cloudiness and other conditions	X	← Cloudy				X	Clear	Pt Cldy	Cldy			
Sunset: Time, 4:21 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.5	0	0	0	0							
Wind direction	SW	SW	SW	S	SW	SW	W	SW	SW	SW	SW	W
Wind movement	22	17	13	6	12	18	14	14	13	15	17	14
Maximum velocities (exceeding 25 miles) direction and time						26 SW 5:25						

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	52	61	

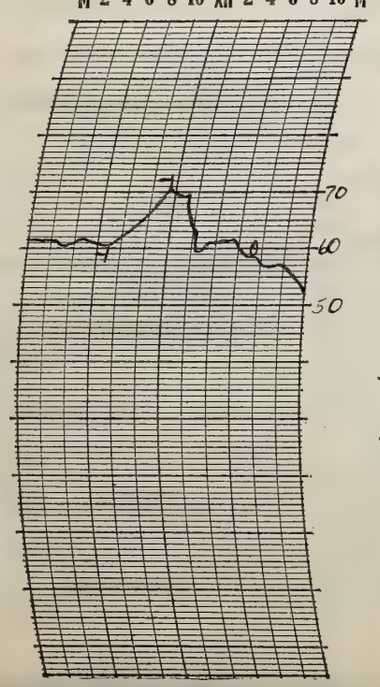
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.42 ins.
Total precipitation, midnight to midnight, 0.42 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.5 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 36
Prevailing wind direction, SW Total wind, 355
Average hourly velocity, 14.8 Extreme velocity, 27
Maximum velocity, 26 Direction, SW
Time began, 5:25 p.m.
Reduced barometer, 29.84 7 a. m. 29.66 7 p. m.
River gage, 1.0 feet
Relative humidity, 74 7 a. m. 75 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

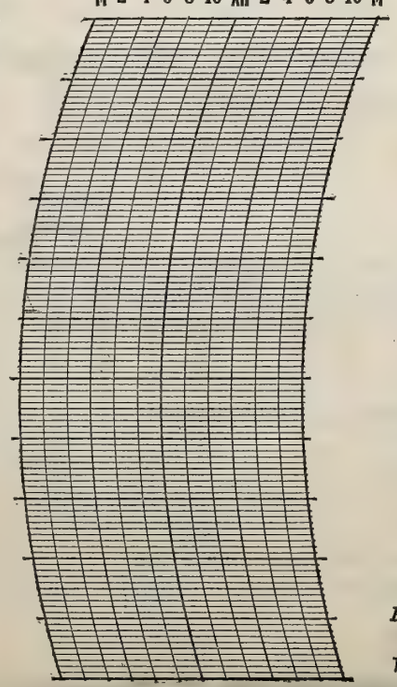
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 60.8
Dew-point, 55 R. humidity, 60 V. pressure, .432
Clouds: Amount, 4 2 4; Kind, Ci Ci; Direction, SW SW
Velocity of clouds (miles per hour)

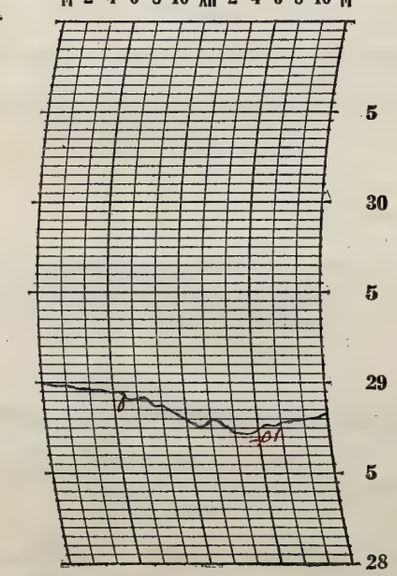
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by C.L.H.

NOTES

A partial rainbow was observed at 2:53 p.m.

Rain fell practically all of the afternoon. But it cleared a little after sunset for a few hours. Then it became cloudy for the rest of the night. Clear sky by 6:10 p.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 18 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	45	44	44	43	42	41	41	41	42	43	43	43	43	43	43	42	42	42	42	41	41	41	40
State of weather: Nature of precipitation and time of beginning and ending			RB DNa RE DNa								RB 10:10 RE 10:30							RB 5:10 RE 5:30						
Amounts of precipitation			T								T							T						
Cloudiness and other conditions					←							Cloudy												→
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W
Wind movement	17	16	14	11	10	10	10	9	9	7	7	7	6	7	6	6	6	4	4	4	5	3	3	4
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:32 Character, Cloudy
Moonrise:
Sunset: Time, 4:20 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

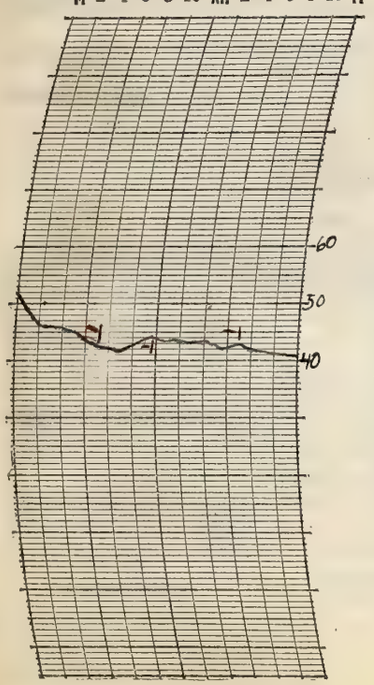
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 185
Average hourly velocity, 7.7 Extreme velocity, 24
Maximum velocity, 20 Direction, W
Time began, 12:35 a m
Reduced barometer, 29.92 7 a. m. 29.95 7 p. m.
River gage, 1.3 feet
Relative humidity, 84 7 a. m. 86 7 p. m.

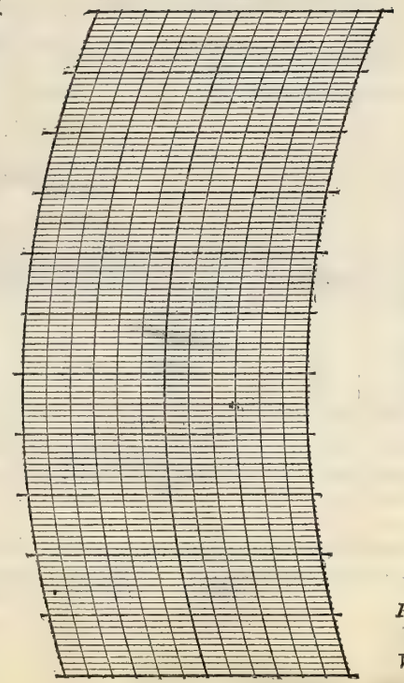
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.8 Wet temperature, 40.3
Dew-point, 37 R. humidity, V. pressure,
Clouds: Amount, 10; Kind, Stcu; Direction, W
Velocity of clouds (miles per hour)

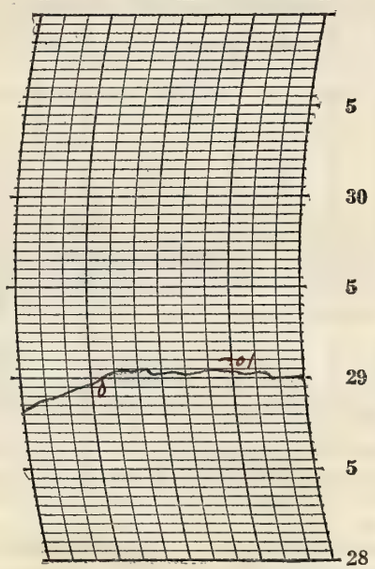
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES

Temperatures were much cooler than yesterday with the sky overcast and light mist occurred in the morning and afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 19 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	38	37	36	34	34	35	35	37	38
	RB 12:30					RE 5:40 SMB 5:40					SMF 10:30 RB 10:30	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.01	.03	.05	.05	.04	.04		.08		.01	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6:23 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	N	N	NE	NE	NE	N	NE	NW	NW	W	W
Wind movement	4	5	4	4	5	4	4	5	4	4	5	7

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	37	36	35	35	34	34	33	33
	RE 12:45						SMB 6:25					Cont.
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01						T			.03		
Cloudiness and other conditions												
Sunset: Time, 4:20 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	10	12	14	13	11	10	10	9	9	6

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	33	36	

Total depth of snow for 24 hours ending 7 p. m., 1.3 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.7 inches.
Precipitation to 7 a. m., 0.09 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .35 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 2.8
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 24
Maximum velocity, 21 Direction, W
Time began, 4:19 pm
Reduced barometer, 29.77 7 a. m, 29.83 7 p. m.
River gage, 1.1 feet
Relative humidity, 95 7 a. m. 89 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

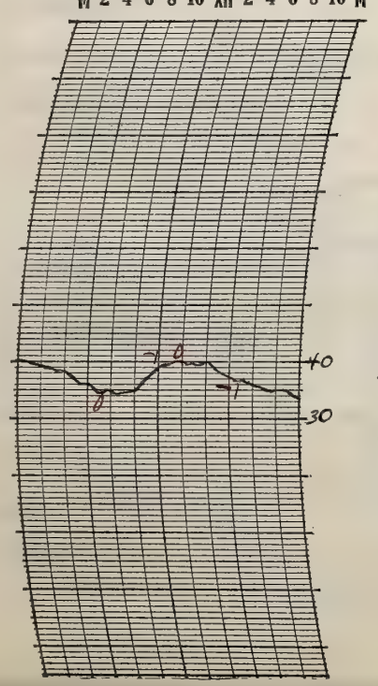
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

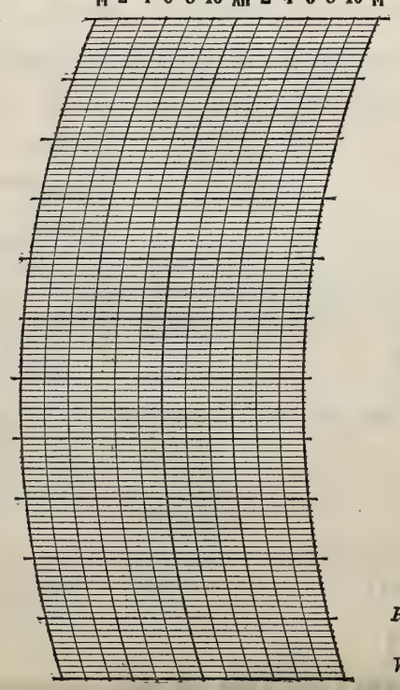
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 37.8 Wet temperature, 37.0
Dew-point, 37 R. humidity, 93 V. pressure, .212
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

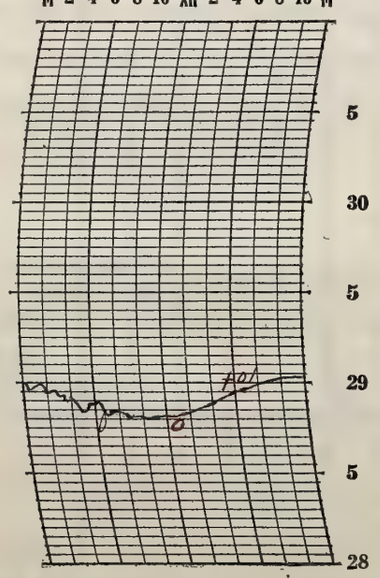
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by C.L.H.

8—486

NOTES

A rain fell during the early morning and changed to snow about an hour before sunrise. At 6:00 a.m. the visibility was poor, the streets were slick and snow piled up on automobile windshields. The snow turned into a light rain at 10:30 a.m. The day was cloudy and a light snow again commenced in the evening.

Special observation requested by Chicago.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 20 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	30	30	31	30	32	33	34	34	35	35	35	34	33	32	32	31	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending	Cont.									S M E 9:30	S M E 10:45		S M E 12:40		S M B 2:18 p	S M E 3:15								
Amounts of precipitation				.08						T							01							
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0.2	0.1	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	7	10	10	9	9	8	8	9	7	7	8	10	8	13	13	11	11	9	9	8	8	10	9	12
Maximum velocities (exceeding 24 miles) direction and time																								

Cloudy

Sunrise: Time, 6:35 Character, Cloudy
Moonrise:

Sunset: Time, 4:19 Character, Cloudy
Moonset:

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

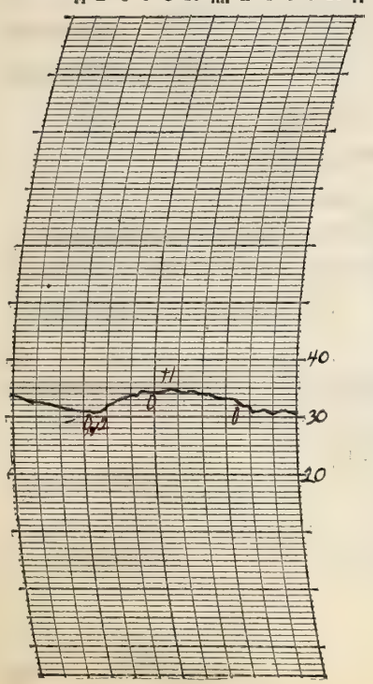
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	29	32	

Total depth of snow for 24 hours ending 7 p. m., 1.5 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.1 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.3 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 3
Prevailing wind direction, W Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 1:42 pm
Reduced barometer, 30.07 7 a. m. 30.18 7 p. m.
River gage, 1.4 feet
Relative humidity, 95 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.9 Wet temperature, 32.4
Dew-point, 30 R. humidity, 86 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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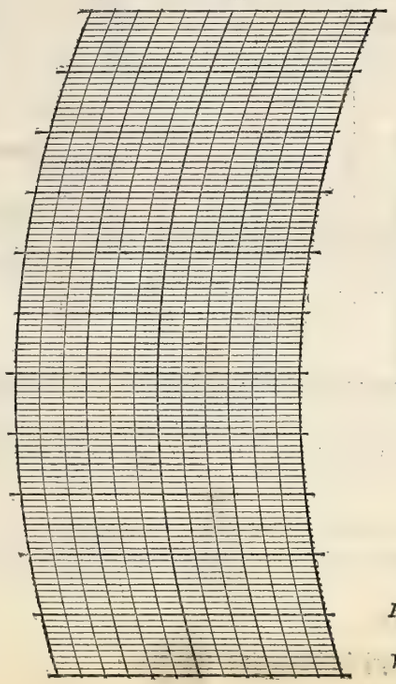
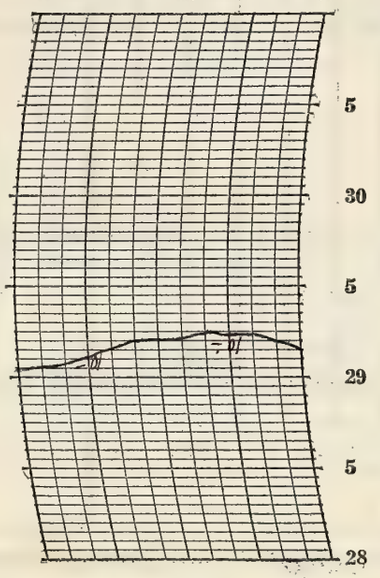


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

A heavy snow fell in the early morning with several flurries during the day. The ground was covered with snow but most of the snow on the streets had melted in the morning. Shortly before the evening observation a small portion of the sky was visible but it again became completely covered. Temperatures remained practically the same during the day and continued below the seasonal normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 21 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	31	31	31	31	31	32	36	36	37	38
Nature of precipitation and time of beginning and ending												SMB 11:06
Amounts of precipitation												T
Cloudiness and other conditions					← Pt Cldy					→	Cloudy	
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Sunshine (in tenths of hours)							0.40 0	0.6 0.4	1.0	0.3	0	0
Wind movement	11	10	14	16	14	15	15	16	19	19	19	19

Sunrise: Time, 6:36 Character, Clear

Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	34	36	37	36	39	38	38	37	37	36
Nature of precipitation and time of beginning and ending			SME 2:10		SMB 4.02	SME 5:10 RB 5:20 RE 5:45					SMB 10:45	SME 11:15
Amounts of precipitation			← 0.11			→					T	T
Cloudiness and other conditions							Pt Cldy			→	Cldy	
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind movement	16	17	14	11	12	18	20	19	16	13	10	9

Sunset: Time, 4:18 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.8 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.11 ins.

Total precipitation, midnight to midnight, 0.11 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 28

Prevailing wind direction, W Total wind, 362

Average hourly velocity, 15.1 Extreme velocity, 26

Maximum velocity, 25 Direction, SW

Time began, 11:20 a.m.

Reduced barometer, 29.88 7 a. m. 29.70 7 p. m.

River gage, 1.3 feet

Relative humidity, 78 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

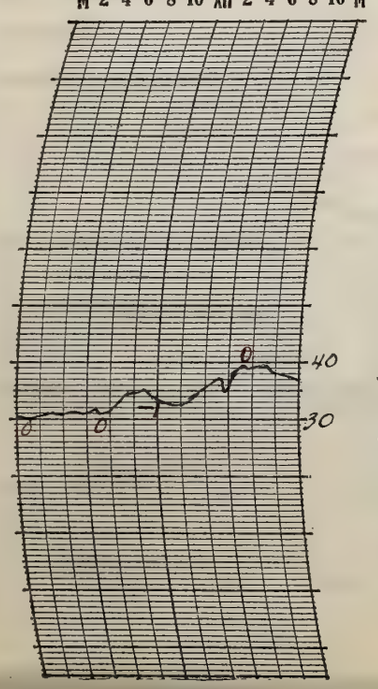
Dry temperature, 32.2 Wet temperature, 32.0

Dew-point, 32 R. humidity, 98 V. pressure, .180

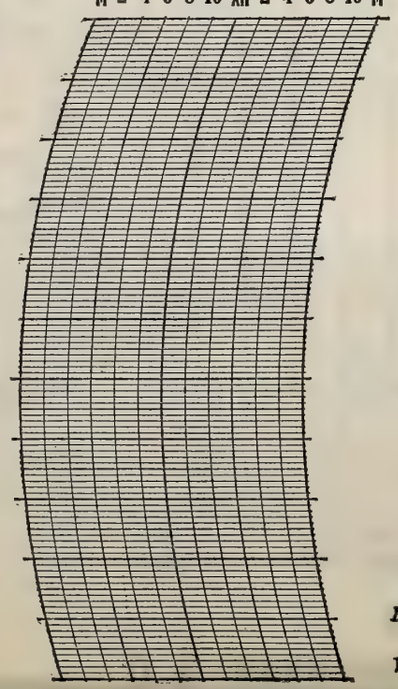
Clouds: Amount, 10; Kind, Nb; Direction, SW

Velocity of clouds (miles per hour)

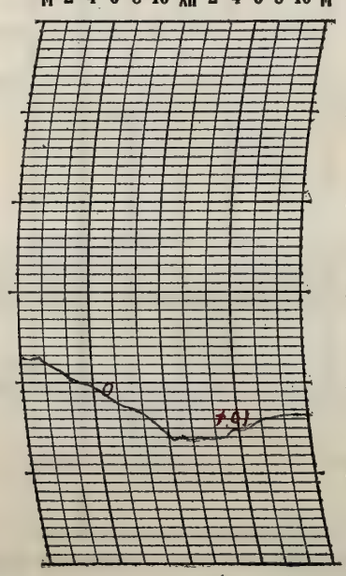
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

8—486

NOTES

Snow began falling shortly before noon and there were several flurries during the afternoon and late evening. Temperatures showed an upward tendency throughout the greater part of the day.

Special 12:40 pm observation sent to Chicago on account of .12 fall in pressure.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 22 1908, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	33	33	34	34	34	35	35	35
State of weather: Nature of precipitation and time of beginning and ending	SMB DNa											SME 11:10 SMB 11:38 SME 11:50
Amounts of precipitation				.04						.04		
Cloudiness and other conditions								Cloudy				

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	33	33	33	33	31	31	32	32	32
State of weather: Nature of precipitation and time of beginning and ending	SMB 12:10	SME 1:23 SMB 1:54	SME 2:21	SMB 3:50	SME 4:05			SMB 7:10		SME 9:45		
Amounts of precipitation			0	1				T	T	T		
Cloudiness and other conditions			Partly				Cloudy					

Sunrise: Time, 6:37 Character, Cloudy

Moonrise:

Sunset: Time, 4:18 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.3	0.2	0
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	10	12	12	11	8	11	9	9	9	8	9	10
Maximum velocities (exceeding 24 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	N	N	NW	NW	N	N	NW	NW	NW	NW	NW
Wind movement	12	13	15	13	14	15	12	11	12	8	8	7
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

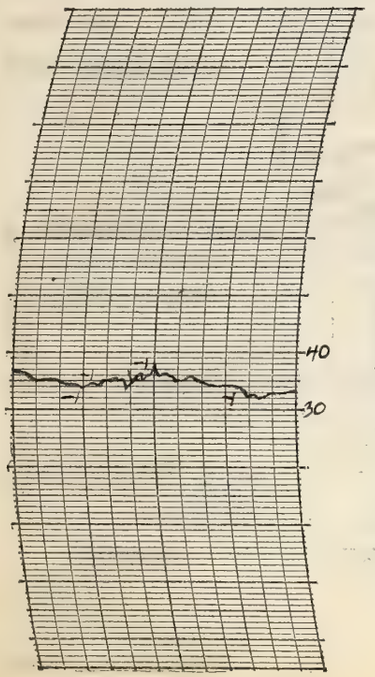
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	31	34	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase, —
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 5
Prevailing wind direction, NW Total wind, 258
Average hourly velocity, 10.8 Extreme velocity, 19
Maximum velocity, 18 Direction, N
Time began, 2:09 pm.
Reduced barometer, 29.90 7 a. m. 30.25 7 p. m.
River gage, 1.9 feet
Relative humidity, 95 7 a. m. 80 7 p. m.

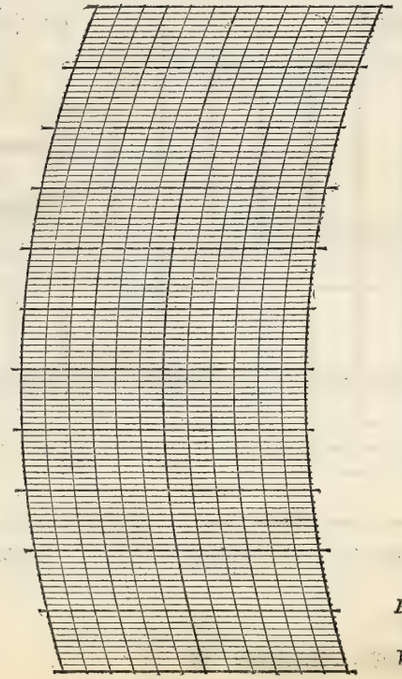
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 35.0 Wet temperature, 34.1
Dew-point, 33 R. humidity, 92 V. pressure, 18.2
Clouds: Amount, 9 (Few); Kind, St (cu); Direction, NW
Velocity of clouds (miles per hour)

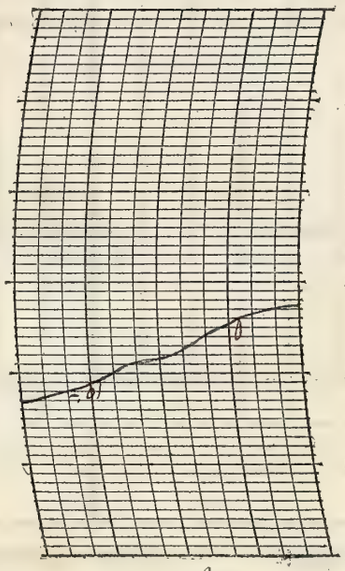
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

S—486

NOTES

A lunar corona was observed in the evening shortly before 7:00 p.m. Snow fell practically the entire morning except for a few intervals with snow flurries in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 23 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	31	29	29	31	33	35	36	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					× Pt Cloudy		
Sunshine (in tenths of hours)							0.9 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	NW	NW	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	7	7	4	4	5	6	6	6	6	11	12	13

Sunrise: Time, 6:38 Character, Clear

Moonrise: ---

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	40	40	39	37	36	37	37	37	36	37	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear						Pt Cloudy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7 0.6	0.28 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	16	14	11	13	16	17	17	16	16	16

Sunset: Time, 4:17 Character, Clear

Moonset: ---

Maximum velocities (exceeding 24 miles) direction and time ---

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts ---

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	28	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ---

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.6 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 269

Average hourly velocity, 11.2 Extreme velocity, 22

Maximum velocity, 22 Direction, S.W.

Time began, 11:16 p.m.

Reduced barometer, 30.40 7 a. m. 30.10 7 p. m.

River gage, 1.8 feet

Relative humidity, 94 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

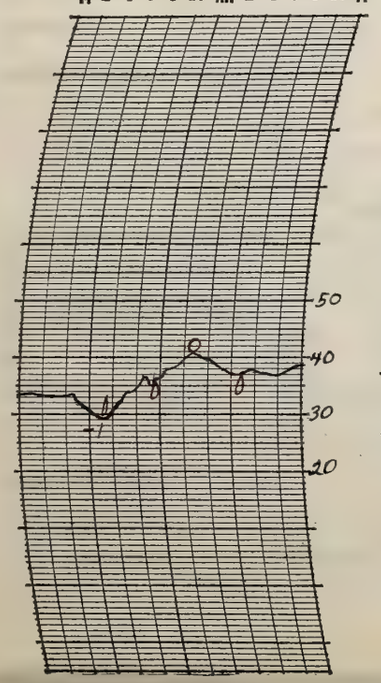
Dry temperature, 35.1 Wet temperature, 31.8

Dew-point, 27 R. humidity, 70 V. pressure, .143

Clouds: Amount, 2; Kind, Cu Sc; Direction, NW NW

Velocity of clouds (miles per hour) ---

THERMOGRAPH



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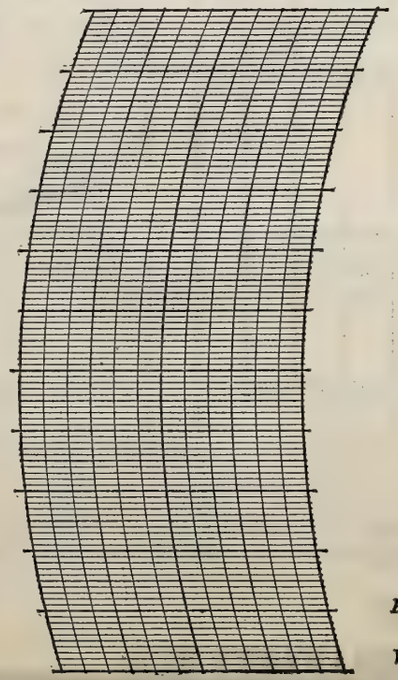
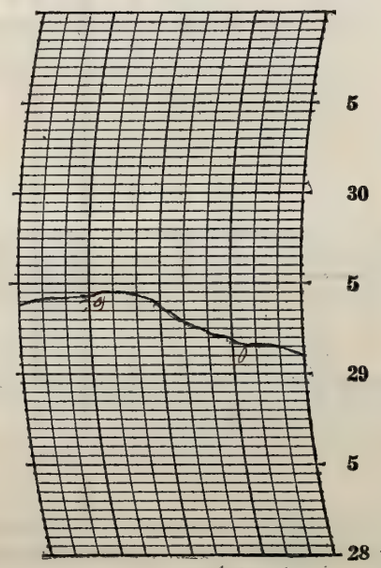


BAROGRAPH.



Prepared by [signature]

Verified by E.S.H.

NOTES

It was clear most of the day except close to noon and in the late evening when it became cloudy.

A clear pleasant day with a moderate westerly wind prevailing.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 24 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	37	37	36	35	35	38	42	44	44	44	42	40	39	38	35 SMB 5:15	34	33	33	32 SME 10:00	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																		T		T	T	T		
Cloudiness and other conditions					←				Part		Cloudy						X		Cloudy					→
Sunshine (in tenths of hours)							0.35 0	1.0 0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0	0							
Wind direction	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	12	10	8	7	7	6	6	7	10	12	13	15	17	17	13	13	12	9	8	9	11	10	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:39 Character, Clear
Moonrise:
Sunset: Time, 4:16 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

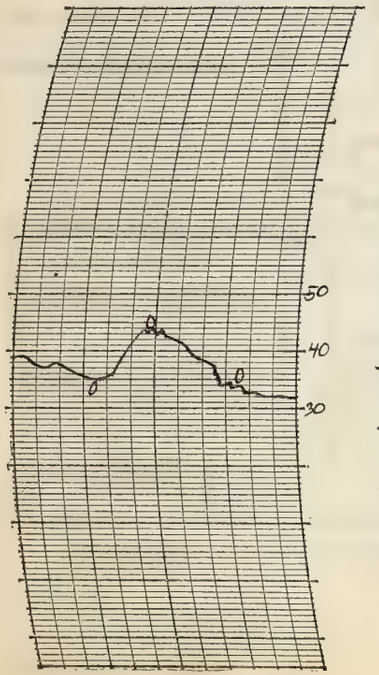
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.4 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 2:33 p.m.
Reduced barometer, 30.02 7 a. m. 30.14 7 p. m.
River gage, 1.6 feet
Relative humidity, 82 7 a. m. 90 7 p. m.

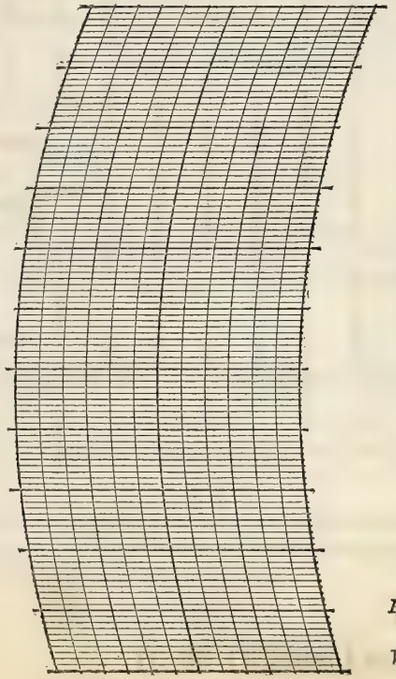
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.9 Wet temperature, 37.9
Dew-point, 30 R. humidity, 57 V. pressure, .164
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

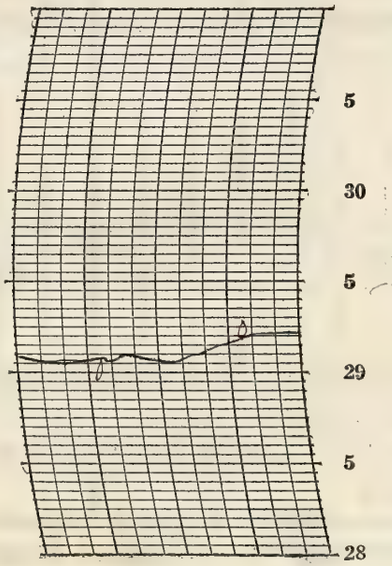
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.S.
Verified by E.L.H.

8—486

NOTES

It was part cloudy most of the day becoming cloudy close to sunset, a light snow began soon afterwards and at times fell quite heavily making it impossible to see except for short distances. The melted snow froze later in the evening and made the streets slick and slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 25 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	24	24	23	23	24	24	25	25	25
Nature of precipitation and time of beginning and ending		SDB DNa	SDE DNa					SDB 7:18 SDE 7:25		SDB 9:55		
Amounts of precipitation			.01				X	T	X		T	
Cloudiness and other conditions											Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	24	24	24	24	24	24	23	23
Nature of precipitation and time of beginning and ending												DF 11:15
Amounts of precipitation				T				X			T	T
Cloudiness and other conditions												Clear

Sunrise: Time, 6:41 Character, Cloudy
Moonrise:

Sunset: Time, 4:16 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.8	0.2	0	0	0							
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W
Wind movement	15	13	12	14	12	10	10	10	12	10	11	10	11	10	10	12	12	12	12	10	8	9	7	5

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

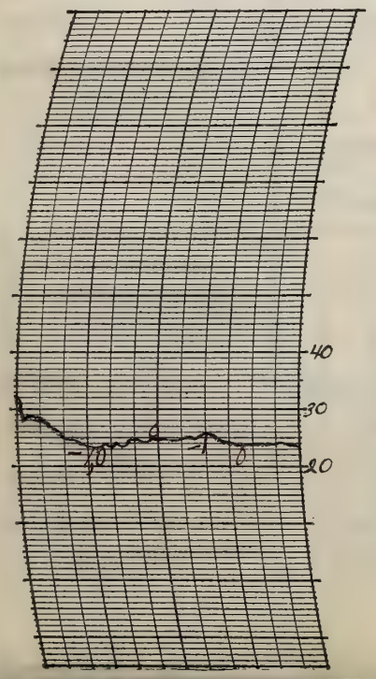
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	22	27	

Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, .01 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 10
Prevailing wind direction, NW Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 12:18 a.m.
Reduced barometer, 30.33 7 a. m. 30.43 7 p. m.
River gage, 1.6 feet
Relative humidity, 72 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.7 Wet temperature, 22.2
Dew-point, 17 R. humidity, 69 V. pressure, 0.89
Clouds: Amount, 10; Kind, St.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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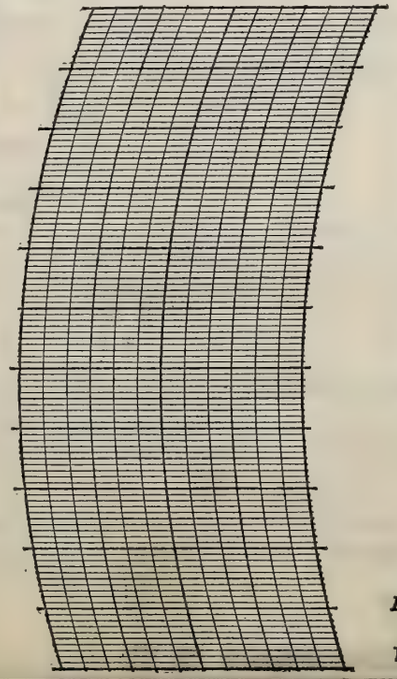
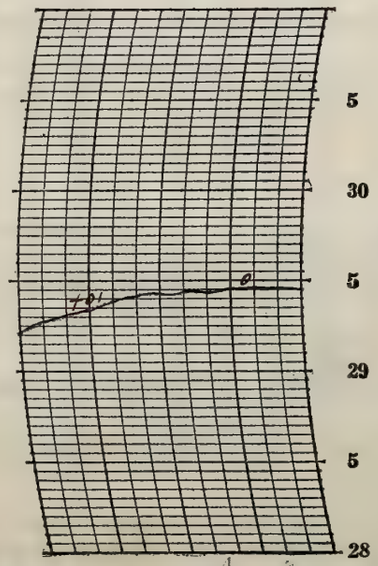


BAROGRAPH.



Prepared by [illegible]

Verified by E. J. H

8—486

NOTES

The sky was mostly overcast except close to midnight when it cleared up. A light dry snow fell almost all of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 26 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	20	21	22	22	22	25	27	31	34	36	37	38	36	36	35	35	35	34	33	32	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<Cloudy				Pcldy							Clear								>
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.3 / 0.7	0.25 / 0							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	W	W	W	W	W	SW	SW
Wind movement	5	6	7	7	7	8	10	12	13	14	17	16	18	19	17	16	12	13	12	11	11	9	9	9

Sunrise: Time, 6:42 Character, Cloudy
Moonrise:

Sunset: Time, 4:15 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

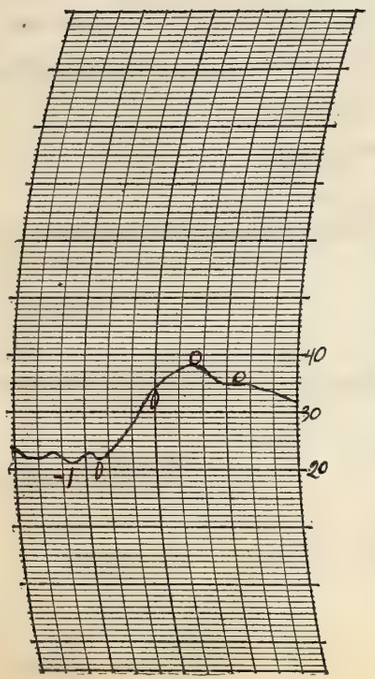
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	20	29	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.0 Possible sunshine, hours,
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind, 278
Average hourly velocity, 11.6 Extreme velocity, 26
Maximum velocity, 24 Direction, W
Time began, 1:33 p.m.
Reduced barometer, 30.37 7 a. m. 30.19 7 p. m.
River gage, 1.5 9.6
Relative humidity, 65 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.1 Wet temperature, 30.9
Dew-point, 26 R. humidity, 70 V. pressure, 1.36
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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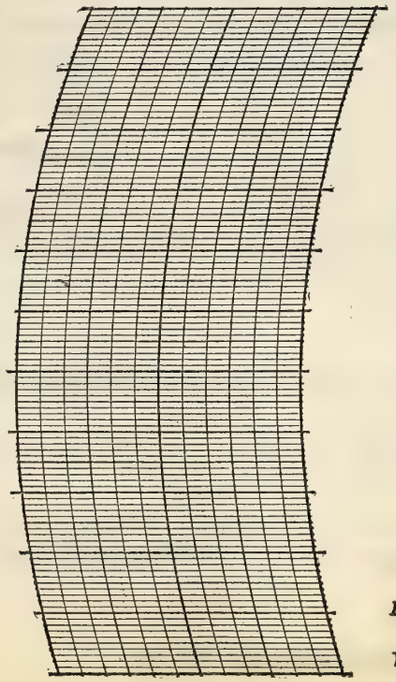
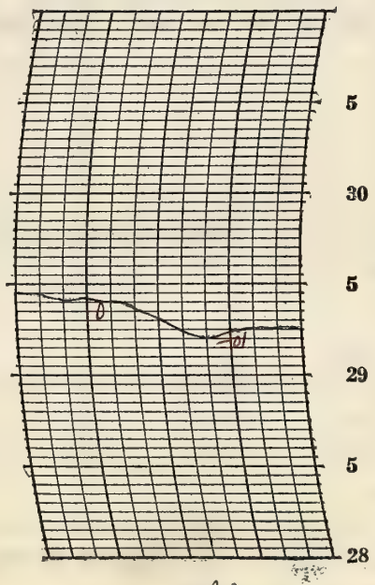


BAROGRAPH.



Prepared by E.H.
Verified by E.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 27 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	28	29	30	31	34	37	38	40	41	42	43	42	41	40	37	36	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:45			RE 8:25 S 8:13 8:25 SME 8:45 RB 8:45	RE 9:20 SMB 9:50 SME 10:00		
Amounts of precipitation																							0.3	
Cloudiness and other conditions	Clear			XPt	Cldy	X							Cloudy											

Sunrise: Time, 6:43 Character, Cloudy

Moonrise:

Sunset: Time, 4:15 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.1	0.1	0.2	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	11	11	11	12	9	8	8	9	12	10	10	10	8	9	9	8	11	9	9	8	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	28	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 4

Prevailing wind direction, SW Total wind, 227

Average hourly velocity, 9.5 Extreme velocity, 16

Maximum velocity, 15 Direction, SW

Time began, 11:43 a. m.

Reduced barometer, 30.17 7 a. m. 30.20 7 p. m.

River gage, 1.8 feet

Relative humidity, 75 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

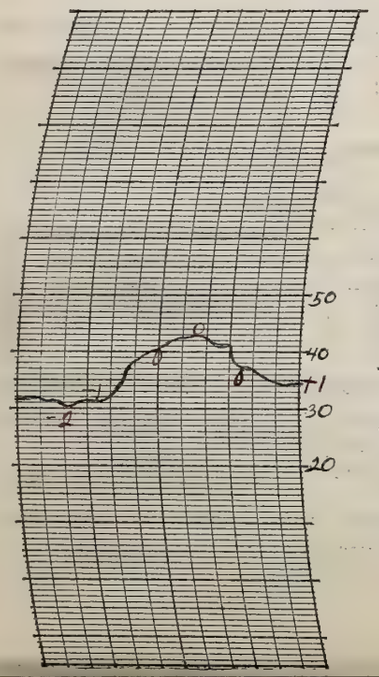
Dry temperature, 40.4 Wet temperature, 33.9

Dew-point, 24 R. humidity, 49 V. pressure, 124

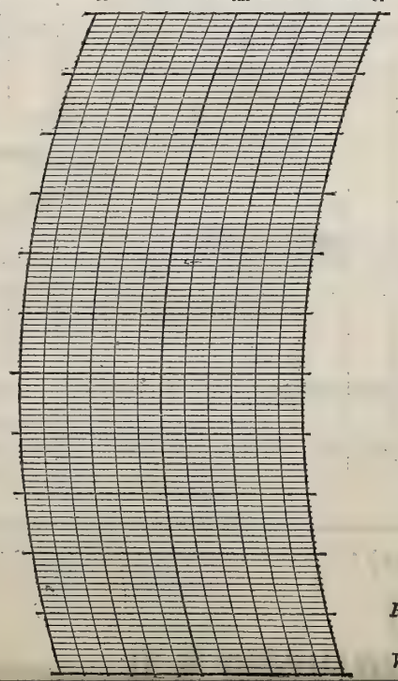
Clouds: Amount, 10; Kind, cst; Direction, W

Velocity of clouds (miles per hour)

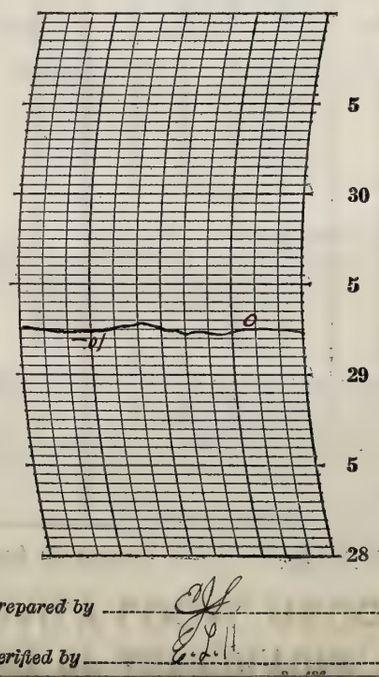
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

NOTES

Mostly cloudy mild day. Rain with a few snow flakes mixed in during the evening. Visibility poor and streets and sidewalks slippery from about 6:00 p m until late at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 28 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	35	35	35	36	36	37	38	39	40	41	42	42	42	42	42	41	41	41	41	41
State of weather: Nature of precipitation and time of beginning and ending	AB Dra		RE Dra								AB 6:26 BE 11:00													
Amounts of precipitation	← .01 →										T													
Cloudiness and other conditions	←						Fog →						Cloudy											→
Sunrise: Time, 6:44 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:45 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	SW	W	W
Wind movement	8	10	9	7	8	9	9	10	11	11	11	8	9	10	7	8	7	5	6	5	4	5	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

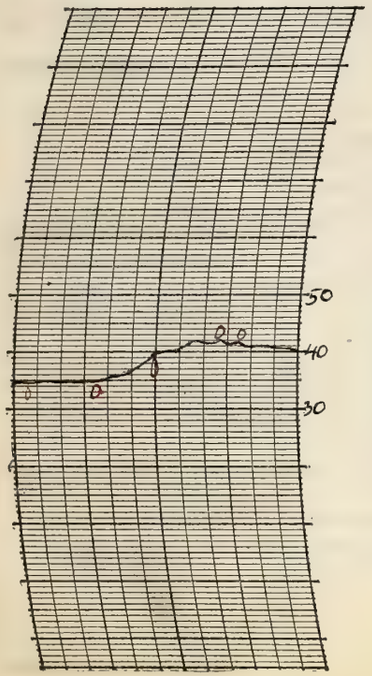
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 9:37 a.m.
Reduced barometer, 30.20 7 a. m. 30.22 7 p. m.
River gage, 1.8 feet
Relative humidity, 95 7 a. m. 83 7 p. m.

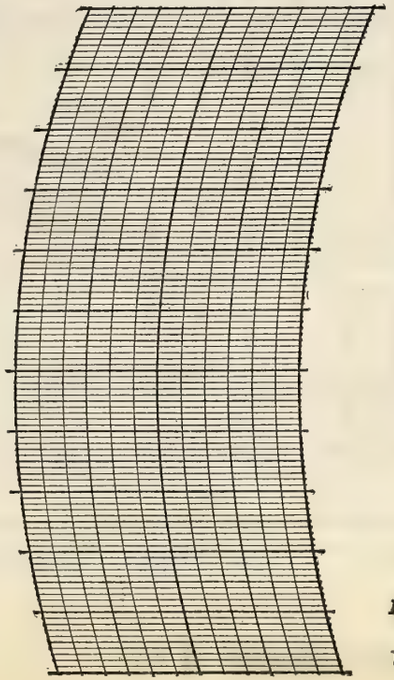
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.9 Wet temperature, 37.7
Dew-point, 36 R. humidity, 90 V. pressure, 2.11
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

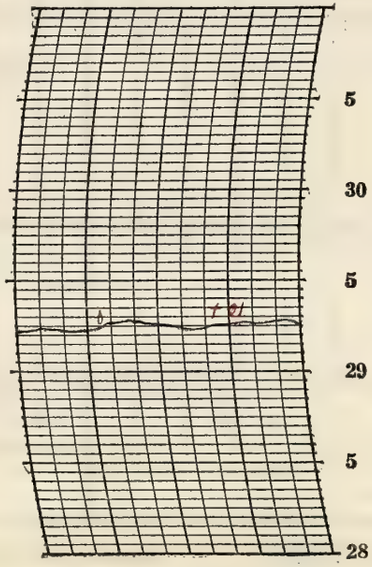
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.L.

Verified by E.L.H.

8—486

NOTES

Light fog 5:40 a.m. – 8:00 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 29 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	40	40	40	40	40	40	40	40	40	41	42	43	42	42	42	42	41	41	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:10				
Amounts of precipitation																				.03				
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 6:45 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:14 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	SW	W	SW	W	W	SW	SW	SW	S	S	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E
Wind movement	4	4	4	3	4	2	2	3	3	1	2	3	3	4	3	4	4	4	4	6	6	6	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

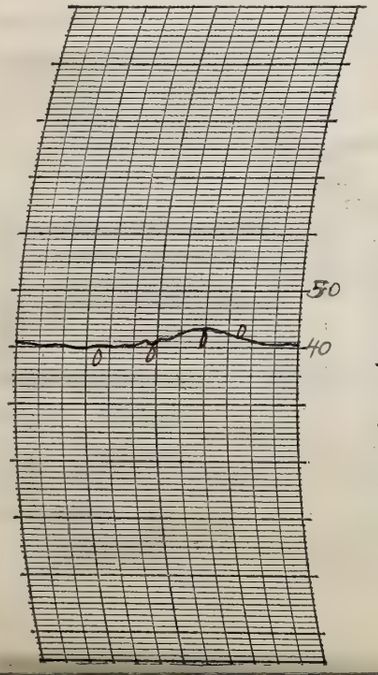
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	40	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 91
Average hourly velocity, 3.8 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 7:55 p.m.
Reduced barometer, 30.22 7 a. m. 30.03 7 p. m.
River gage, 1.6 feet
Relative humidity, 95 7 a. m. 87 7 p. m.

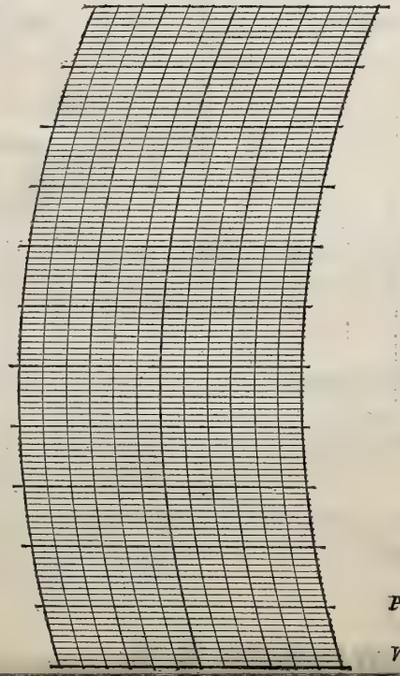
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.4 Wet temperature, 39.2
Dew-point, 38 R. humidity, 91 V. pressure, .228
Clouds: Amount, 10; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

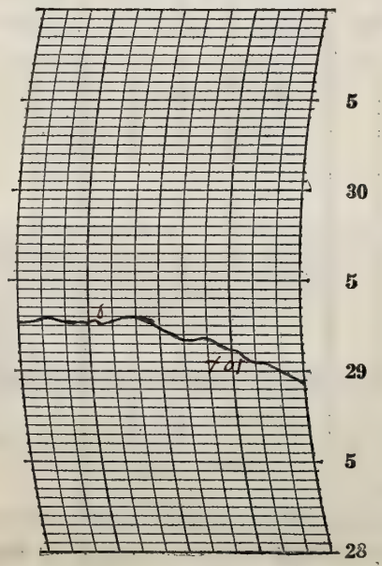
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

NOTES

Very light fog during the night 2 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 30 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	43	45	48	51	52	51	50	46	45	44	41	39	38	37	35	36	36	36	36	36	35	35
							RE 6:15					RB 11:34		RE 2:00							RB 8:10 RE 8:35			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation			0.7											T							T			
Cloudiness and other conditions														Cloudy										
Sunshine (in tenths of hours)						0	0	0	0	0.2	0	0	0	0	0	0	0							
Wind direction	E	E	SE	SE	SE	S	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	6	6	5	5	8	13	16	15	15	12	13	16	17	18	17	19	20	16	19	15	13	10	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:46 Character, Cloudy
Moonrise:
Sunset: Time, 4:14 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

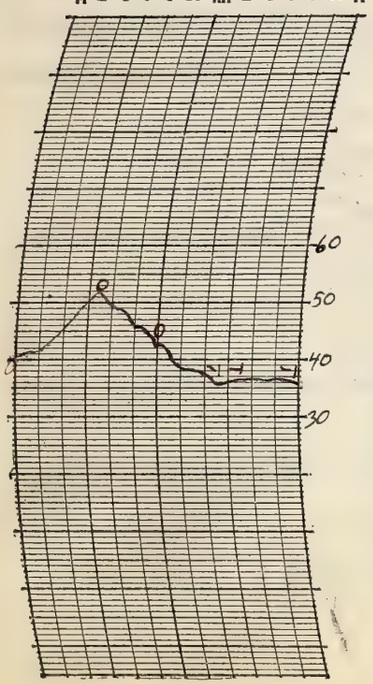
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.11 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight 0.08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 2
Prevailing wind direction, W Total wind, 308
Average hourly velocity, 12.8 Extreme velocity, 28
Maximum velocity, 24 Direction, W
Time began, 4:35 p.m.
Reduced barometer, 29.56 7 a. m. 29.71 7 p. m.
River gage, 1.5 feet
Relative humidity, 93 7 a. m. 89 7 p. m.

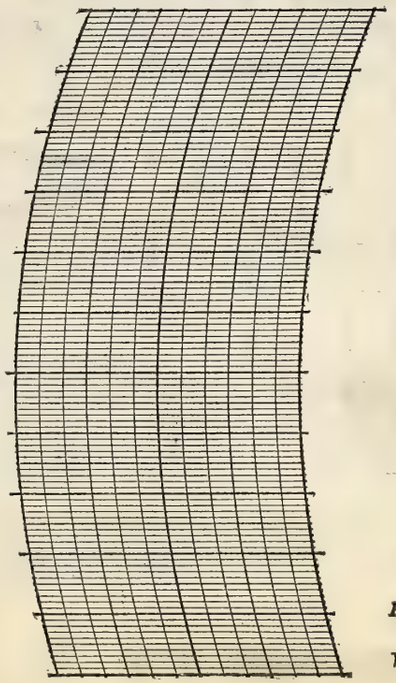
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.0 Wet temperature, 41.9
Dew-point, 40 R. humidity, 87 V. pressure, .247
Clouds: Amount, 10; Kind, St.; Direction, W.
Velocity of clouds (miles per hour)

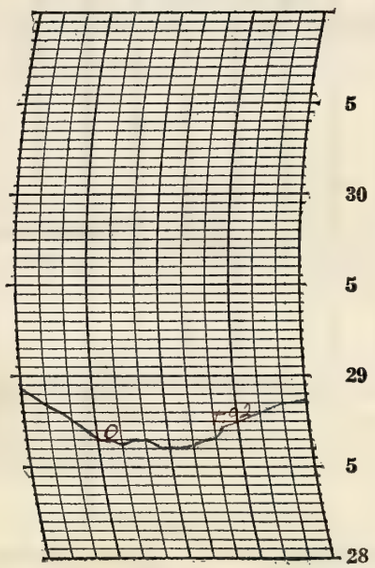
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.
Verified by E.D.N.

8—486

NOTES

Cloudy threatening day. Cloudy at night, poor visibility. Very light mist in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 1 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	32	32	31	30	31	33	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending		SDB DN2		SDE DN2								
Amounts of precipitation		←	T	→								
Cloudiness and other conditions					←						Cloudy	
Sunrise: Time, Character,	6:47 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	9	8	7	7	7	7	7	8	8	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	35	35	34	34	34	34	33	33	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunset: Time, Character,									4:14 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	NW	NW	N	N	E	E	E
Wind movement	7	7	7	6	5	3	4	3	5	4	5	5

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

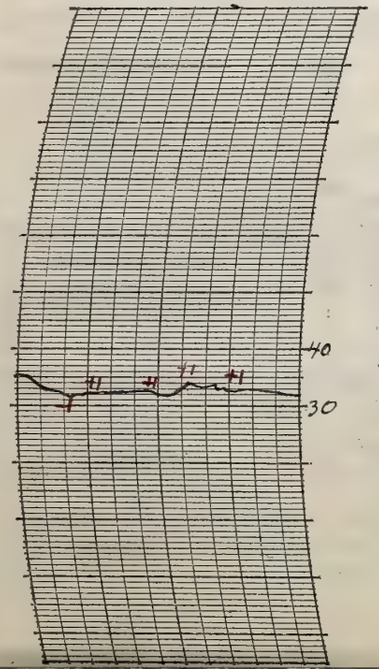
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	30	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 5:38 a.m.
Reduced barometer, 29.89 7 a. m. 29.94 7 p. m.
River gage, 1.5 feet
Relative humidity, 83 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.4 Wet temperature, 32.0
Dew-point, 30 R. humidity, 86 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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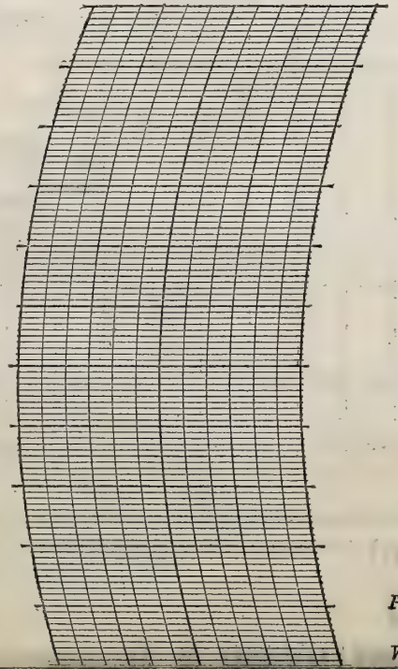
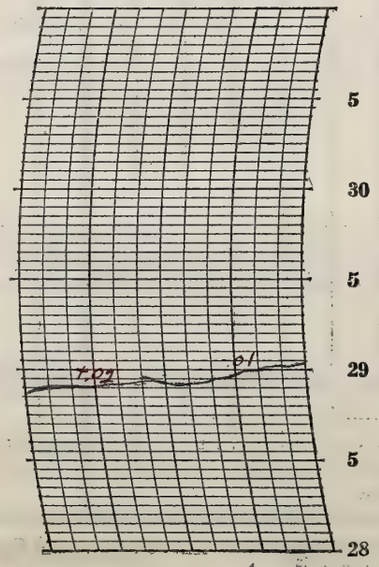


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

Light snow flurries fell during the early morning about 2:00 a.m. It was a cloudy, cold, but pleasant day, cloudy into the night.
Snowfall to 7:00 a.m. = T

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) DEC 2 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	30	31	32	32	32	34	36	39	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	5	6	6	6	6	6	5	6	4	3	2

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	48	49	48	46	44	44	45	43	42	41	40
Nature of precipitation and time of beginning and ending												RB 11:30 RE 11:50
Amounts of precipitation												T
Cloudiness and other conditions					Cloudy			Clear				Cloudy
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.22 0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	3	4	4	4	6	5	9	8	9	10	9

Sunrise: Time, 6:48 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	30	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.6 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 81

Prevailing wind direction, E & SE Total wind, 133

Average hourly velocity, 5.5 Extreme velocity, 12

Maximum velocity, 12 Direction, SE

Time began, 11:25 p.m.

Reduced barometer, 30.03 7 a. m. 29.90 7 p. m.

River gage, 1.5 feet

Relative humidity, 90 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

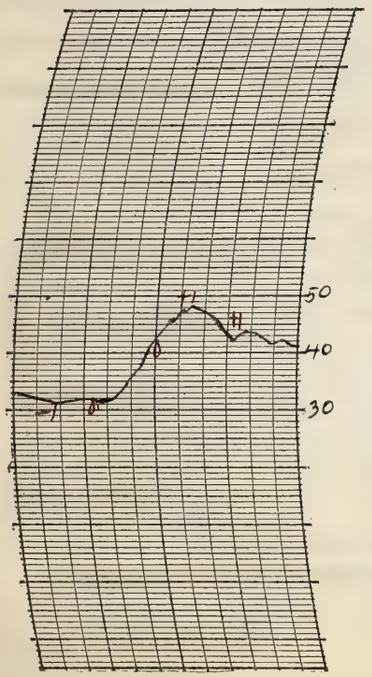
Dry temperature, 42.5 Wet temperature, 40.5

Dew-point, 38 R. humidity, 85 V. pressure, .228

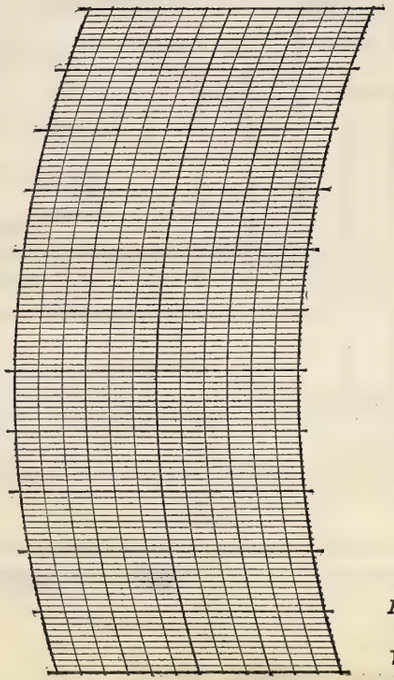
Clouds: Amount, 4; Kind, Ci St; Direction, SW

Velocity of clouds (miles per hour)

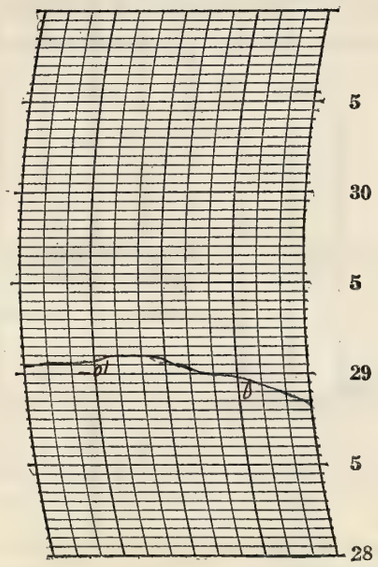
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.H.

8—486

NOTES

Cloudy during the night a.m.; visibility fair; overcast sky most of the day with the sun shining through. Clear sky from 3:00 p.m. into the night when it again clouded up and a light rain fell.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 3 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	47	45	44	42	40	41	38	37	37	37	36	36	37	37	37	37	37	36	36	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:30	RE 6:30	RB 7:10 RE 7:30				
Amounts of precipitation																		T	T	T				
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	SW	SW	SW	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	19	18	18	16	20	19	16	20	18	17	17	16	13	12	12	10	11	10	9	9	6	7	6
Maximum velocities (exceeding 24 miles) direction and time					26 SW 4:53				27 SW 8:27															

Sunrise: Time, 6:49 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

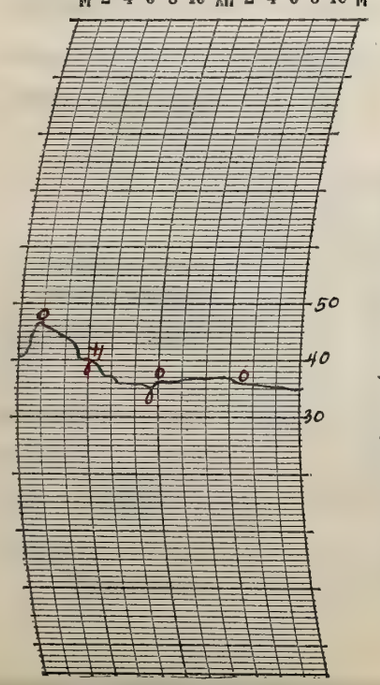
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	35	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 328
Average hourly velocity, 13.7 Extreme velocity, 29
Maximum velocity, 27 Direction, SW
Time began, 8:27 2 m
Reduced barometer, 29.72 7 a. m. 30.06 7 p. m.
River gage, 1.5 feet
Relative humidity, 62 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 33.2
Dew-point, 29 R. humidity, 73 V. pressure, .157
Clouds: Amount, 10; Kind, stcu Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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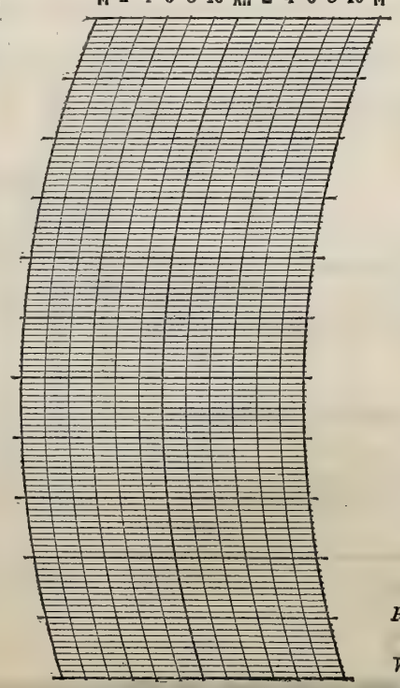
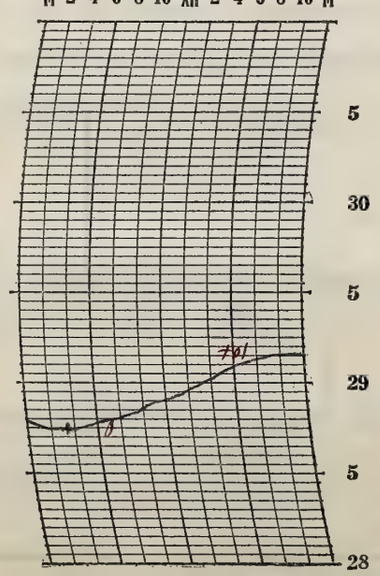


BAROGRAPH.



Prepared by C.H.
Verified by E.G.H.

NOTES

Temperatures are above normal but fell during the morning and remained practically steady in the afternoon and evening. The sky was overcast with a gentle breeze becoming strong in the morning and gradually decreasing to a light wind in the evening. A light mist fell close to observation.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 4 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	33	33	33	33	34	34	35	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←						Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	SW	W	SW	W	W	W	W	SW	SE	E	S
Wind movement	7	8	8	8	7	5	4	4	5	3	4	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	34	35	34	34	34	34	33	32	31
State of weather: Nature of precipitation and time of beginning and ending	SMB 12:13			SME 3:30 RB 3:30		RE 5:30 SMB 5:30				SME 10:50		
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	NW	SW	NW	NW	W	W	NW	W	W
Wind movement	6	4	2	2	4	3	6	8	8	12	14	14

Sunrise: Time, 6:50 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	31	34	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.6 ins.

Total precipitation, midnight to midnight, 0.6 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 151

Average hourly velocity, 6.3 Extreme velocity, 17

Maximum velocity, 16 Direction, NW

Time began, 11:39 p.m.

Reduced barometer, 30.10 7a. m. 30.29 7p. m.

River gage, 1.4 feet

Relative humidity, 85 7a. m. 93 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

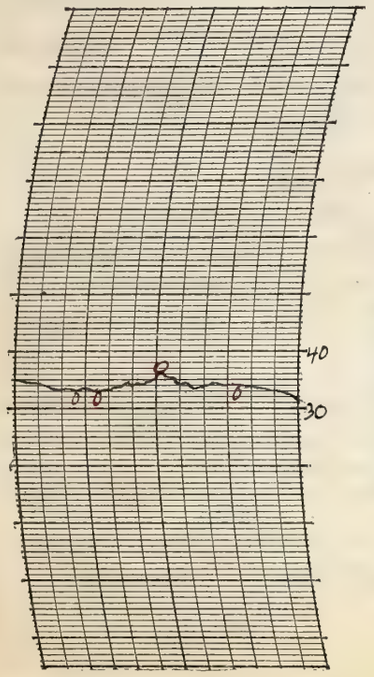
Dry temperature, 36.1 Wet temperature, 34.1

Dew-point, 31 R. humidity, 82 V. pressure, .172

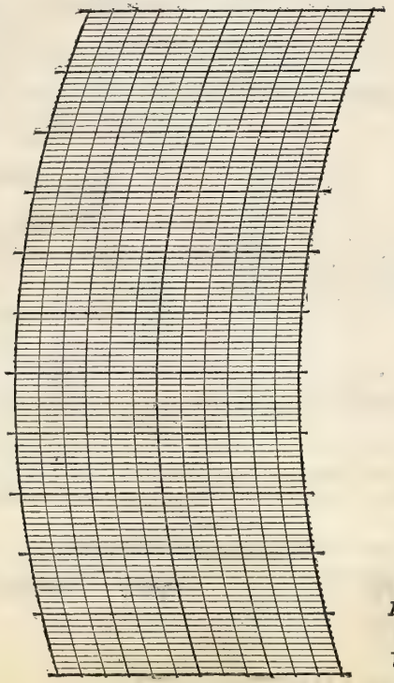
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour) —

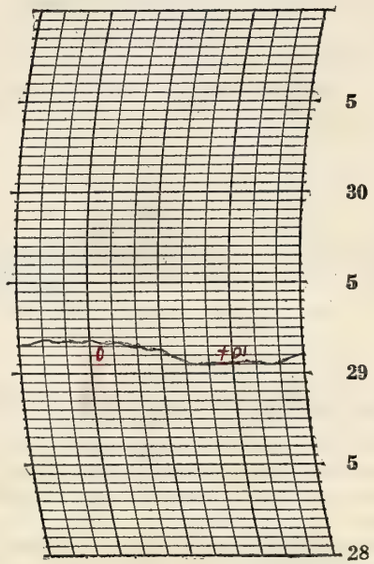
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.

Verified by E.L.H.

8—486

NOTES

It was a cloudy day with temperatures remaining nearly the same and close to normal. A light snow began shortly after noon and fell quite heavily at first gradually decreasing and changing to rain by 3:30 p.m. The streets were quite slippery and the snow obscured the vision. The rain again changed to snow and ended about an hour before midnight.

There was a light fog from 3:40 p.m. to 6:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 5 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	27	25	21	18	17	16	16	17	19	20	20	22	24	25	24	23	22	21	20	18	17	17	16
State of weather: Nature of precipitation and time of beginning and ending				S D B DN2						S D E 10.00														
Amounts of precipitation				?		T			T															
Cloudiness and other conditions					← Cloudy					Pt Cloudy			Pt Cloudy							Clear				
Sunshine (in tenths of hours)							0	0	0	0.4	0.9	1.0	1.0	1.0	1.0	0.4 0.6	0.22 0							
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	16	18	15	16	13	14	8	10	10	9	10	10	10	10	9	10	6	7	5	6	7	6	7	6

Sunrise: Time, 6:51 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

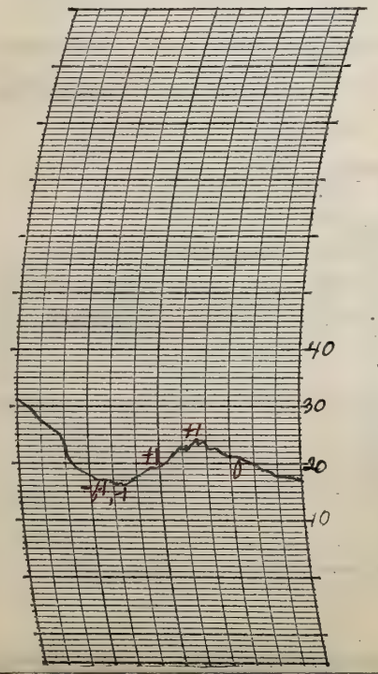
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	15	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 69
Prevailing wind direction, W Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 24
Maximum velocity, 23 Direction, NW
Time began, 1:29 2 m.
Reduced barometer, 30.29 7 a. m. 30.41 7 p. m.
River gage, 1.4 feet
Relative humidity, 79 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 19.9 Wet temperature, 18.1
Dew-point, 13 R. humidity, 73 V. pressure, .024
Clouds: Amount, 4; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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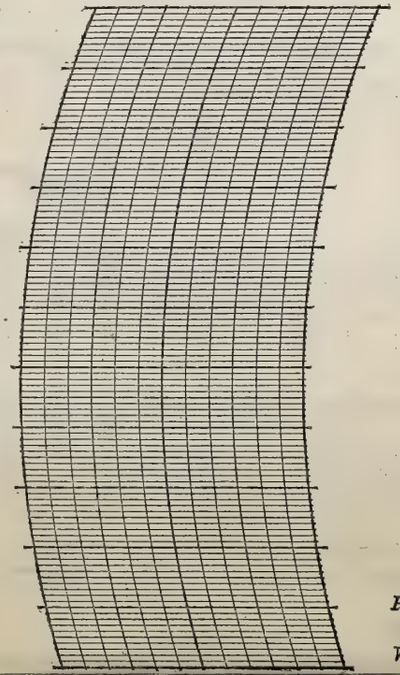
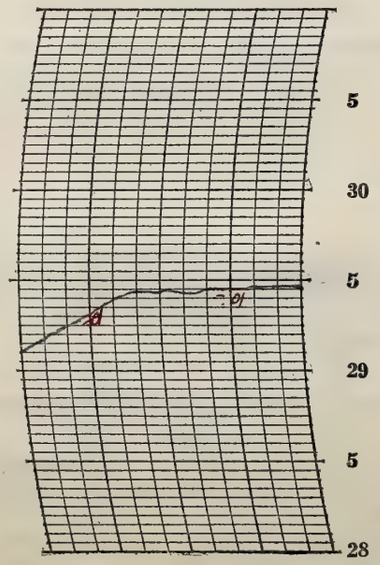


BAROGRAPH.



Prepared by C.S.
Verified by G.L.H.

NOTES

The sky became clear by early afternoon and continued clear into the evening. Temperature fell in the early morning and remained cold during the day. A westerly wind decreasing from moderate to light prevailed throughout the day. The stars shone brightly in the evening.

Snow on ground 7:00 a m — Trace
Snowfall to 7:00 a m — Trace

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 6 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	15	15	16	16	16	18	22	26	28	30	32	34	36	34	33	32	30	29	29	29	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear												×		Pt Cldy					→
Sunshine (in tenths of hours)							0.13 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.22 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	9	9	8	9	8	8	10	9	9	10	11	14	15	16	15	10	9	9	7	8	9	5	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:52 Character, Clear
Moonrise:
Sunset: Time, 4:13 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

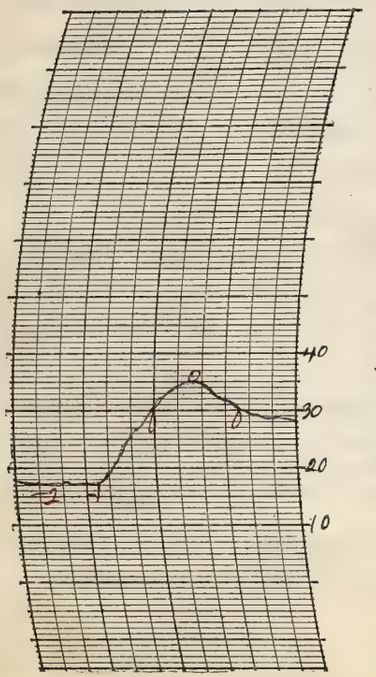
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	15	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 227
Average hourly velocity, 9.5 Extreme velocity, 19
Maximum velocity, 19 Direction, SW
Time began, 1:41 p.m.
Reduced barometer, 30.387 a. m., 30.23 p. m.
River gage, 1.3 feet
Relative humidity, 90 a. m., 80 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.1 Wet temperature, 26.9
Dew-point, 21 R. humidity, 66 V. pressure, 108
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) —

THERMOGRAPH



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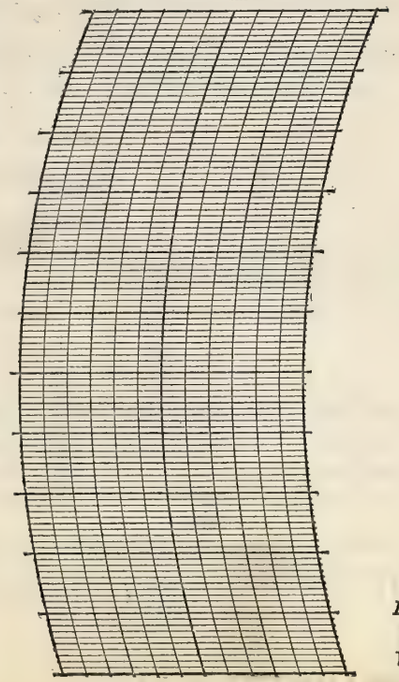
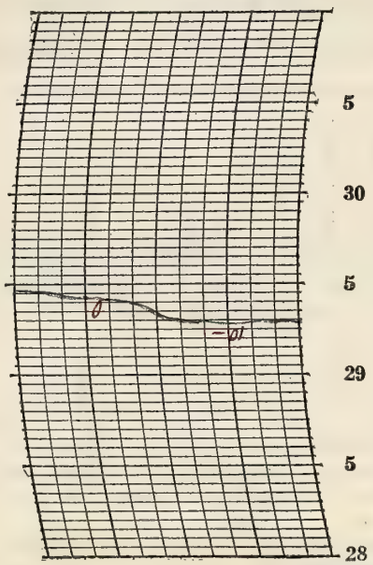


BAROGRAPH.



Prepared by C.F.
Verified by E.D.H.

8—486

NOTES

A beautiful, clear day warming up after sunrise. It became partly cloudy shortly before sunset and continued partly cloudy into the evening. The stars shone brilliantly. A light to moderate southwesterly wind prevailed with temperatures remaining below normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 7 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	23	23	24	24	25	26	28	30	31	31	30	30	29	27	27	27	27	26	26	25	24
State of weather: Nature of precipitation and time of beginning and ending												SDB 1105		SDE 1115									SDB 10.55	Cont
Amounts of precipitation												← T →												← T →
Cloudiness and other conditions												← Cloudy →												
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	0.9	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	N	NE	N	N	N	N	N	NE	N	N	N	N	N	NE
Wind movement	6	7	6	7	6	6	6	4	4	5	5	7	7	7	6	8	7	7	6	7	8	8	8	10
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 6:53 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

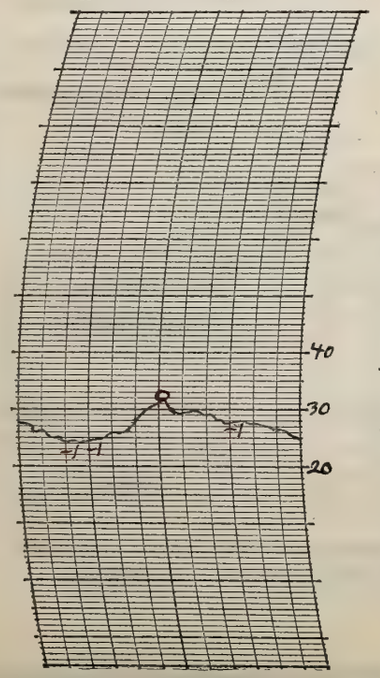
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	23	27	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 2.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 25
Prevailing wind direction, N Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 11:22 p.m.
Reduced barometer, 30.17 7 a. m. 30.33 7 p. m.
River gage, 1.2 feet
Relative humidity, 94 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.9 Wet temperature, 28.9
Dew-point, 26 R. humidity, 79 V. pressure, .136
Clouds: Amount, 4; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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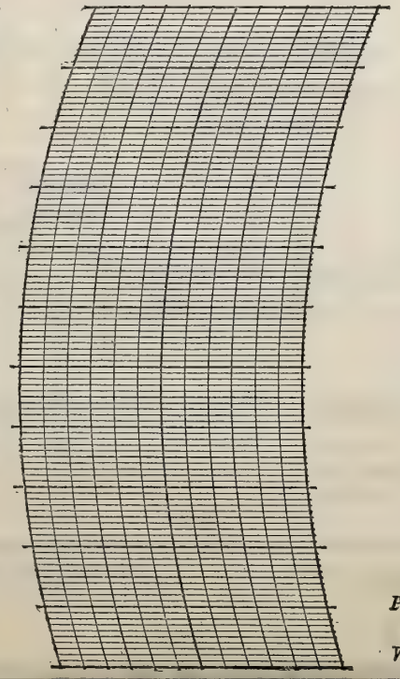
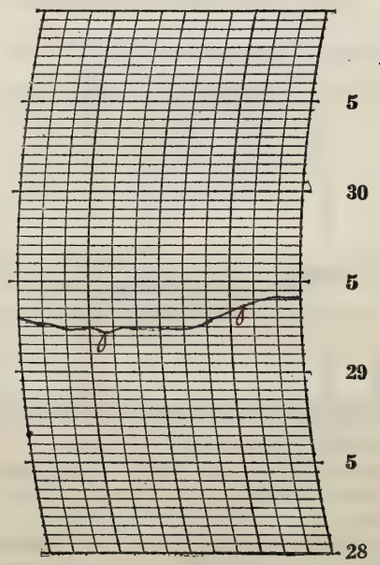


BAROGRAPH.



Prepared by E.J.S.
Verified by E.L.H.

8—486

NOTES

It was a cloudy day with mostly high clouds in the morning through which the sun shone. Morning temperatures were warmer as a rule than yesterday's but the afternoon and evening temperatures were cooler. A light snow fell around noon and there were some flurries in the later part of the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 9 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	20	18	16	15	14	14	16	21	23	25
State of weather: Nature of precipitation and time of beginning and ending	SO Cont FDNa											
Amounts of precipitation	T											
Cloudiness and other conditions					Pt Cldy						Clear	
Sunshine (in tenths of hours)							0.10 0	1.0 0	0.1 0.9	1.0	1.0	1.0
Wind direction	NE	NE	N	N	NE	N	N	N	N	N	N	N
Wind movement	8	6	7	8	7	5	4	4	5	4	5	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	27	27	27	27	25	24	24	22	21
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			→				Pt Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	0.22 0							
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	4	5	4	3	3	2	2	3	1	1	3

Sunrise: Time, 6:54 Character, Clear

Moonrise: ——— ———

Sunset: Time, 4:13 Character, Clear

Moonset: ——— ———

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	13	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, ———

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind, 101

Average hourly velocity, 4.2 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 12:44 a.m.

Reduced barometer, 30.46 7 a. m., 30.41 7 p. m.

River gage, 1.2 feet

Relative humidity, 89 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

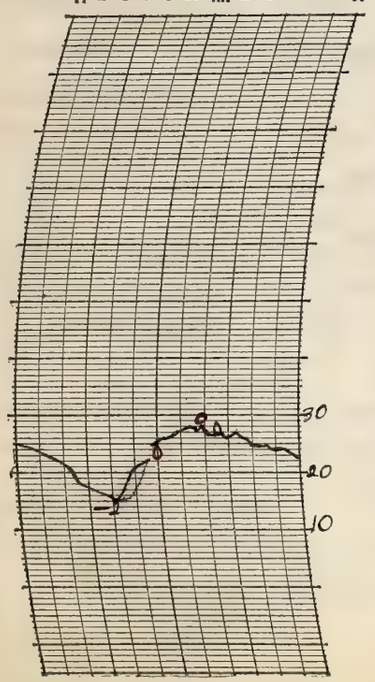
Dry temperature, 24.9 Wet temperature, 21.1

Dew-point, 12 R. humidity, 52 V. pressure, .020

Clouds: Amount, 3; Kind, cist; Direction, N

Velocity of clouds (miles per hour) ———

THERMOGRAPH



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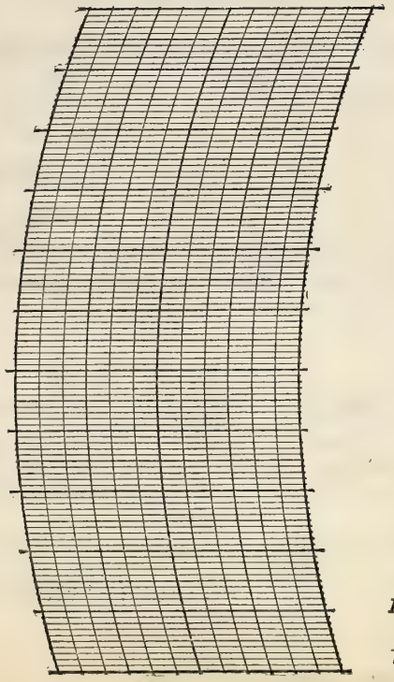
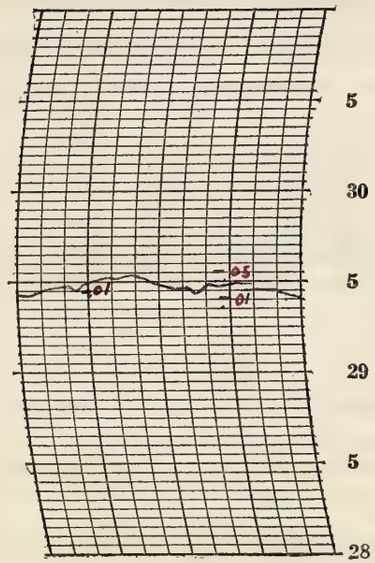


BAROGRAPH.



Prepared by JL

Verified by E.L.H.

8—486

NOTES

It was clear during the later part of the morning and early afternoon becoming partly cloudy shortly before sunset and continuing partly cloudy into the evening with high clouds. The stars shone brightly.

Snowfall to 7:00 a.m. – Trace

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 9 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	18	17	17	18	19	25	29	32	33	35	36	35	35	33	32	31	31	30	29	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear							Pt		Cloudy							→
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0	1.0	1.0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	5	6	5	6	7	8	9	8	9	11	12	11	12	10	8	6	6	7	8	7	7	5	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:55 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

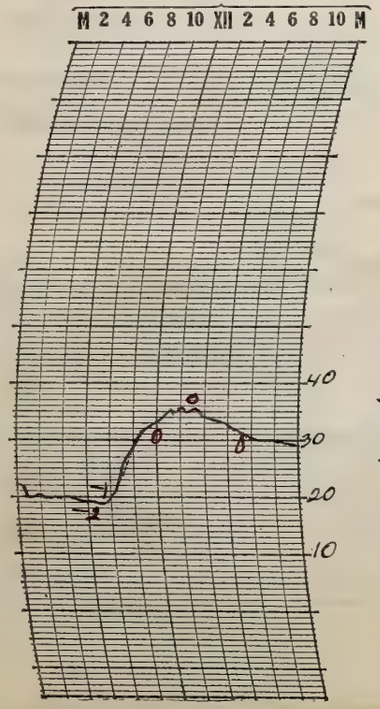
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	17	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 5.9 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 10:32 a. m.
Reduced barometer, 30.33 7 a. m. 30.15 7 p. m.
River gage, 1.1 feet
Relative humidity, 72 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.9 Wet temperature, 28.0
Dew-point, 22 R. humidity, 52 V. pressure, 113
Clouds: Amount, 1; Kind, cist; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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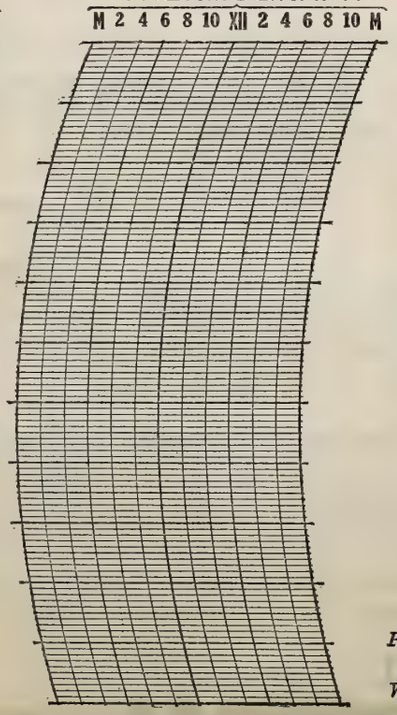
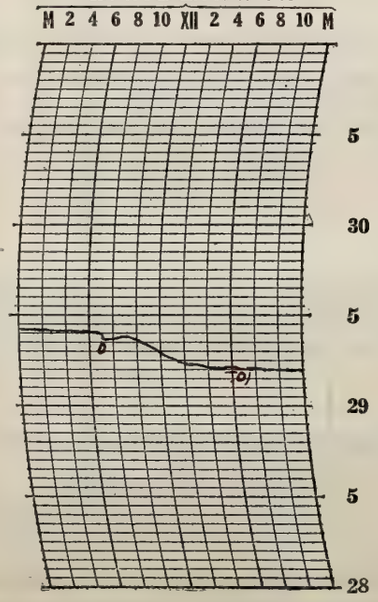


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

8—486

NOTES

It was clear in the morning with increasing cloudiness and becoming partly cloudy by mid-afternoon. High clouds prevailed and continued into the evening. The stars were visible. A light to moderate southwesterly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 10 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	25	24	24	24	25	24	27	32	36	42	43	44	45	43	42	40	38	32	36	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Smoky								Clear											→
Sunshine (in tenths of hours)							0.08 0	∅ 0	∅ 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.22 0							
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	6	7	7	7	5	2	3	5	5	6	6	5	7	6	6	6	5	5	4	6	6	4	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:55 Character, Clear
Moonrise:
Sunset: Time, 4:13 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

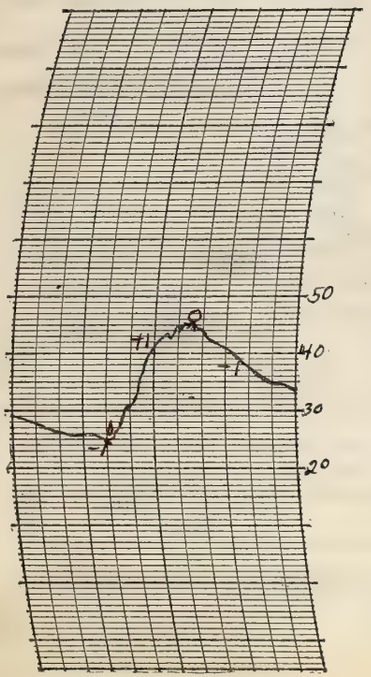
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	24	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 7.5 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 221 am
Reduced barometer, 30.15 7 a. m. 30.18 7 p. m.
River gage, 1.4 feet
Relative humidity, 87 7 a. m. 66 7 p. m.

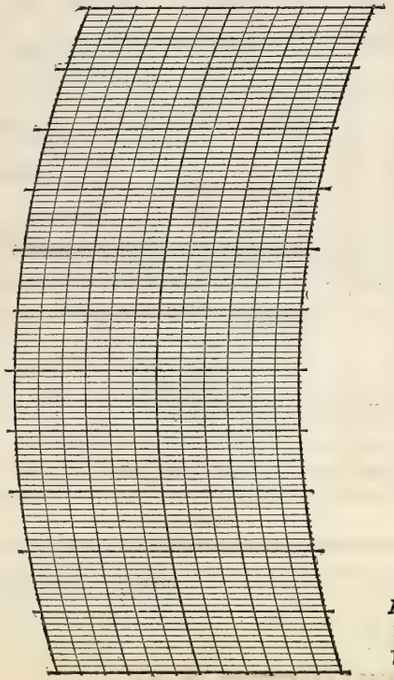
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.8 Wet temperature, 35.3
Dew-point 26 R. humidity, 51 V. pressure, 0.136
Clouds: Amount, ~~26~~; Kind, ~~St~~; Direction, ~~NW~~
Velocity of clouds (miles per hour)

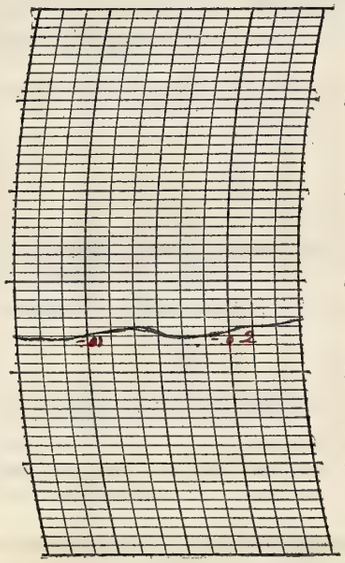
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

8—486

NOTES

Smoky 7:00 2 - 8:49 2 m (light) A clear sky with bright sunshine except shortly after sunrise when it became smoky and visibility was reduced. A light westerly wind prevailed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 11 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	30	29	28	28	30	34	39	44	49	52	52	53	52	50	49	46	44	44	43	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)							0.07 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.1 0							
Wind direction	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SE	S	S	S	S
Wind movement	4	2	4	6	6	6	6	6	5	5	6	5	8	9	7	6	4	3	3	3	4	3	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:56 Character, Clear
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

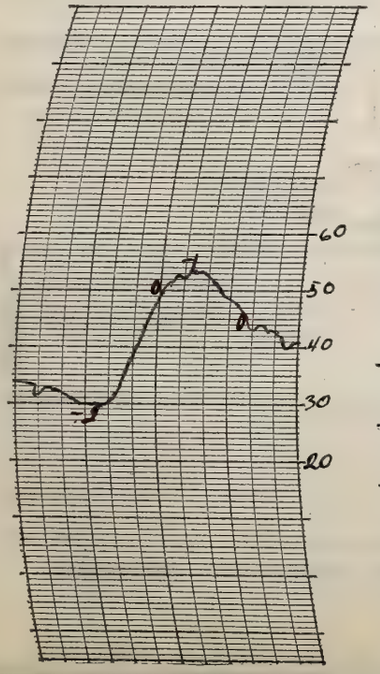
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	28	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 11
Maximum velocity, 11 Direction, S
Time began, 1:19 pm
Reduced barometer, 30.27 7 a. m., 30.30 7 p. m.
River gage, 1.1 feet
Relative humidity, 94 7 a. m., 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.9 Wet temperature, 40.8
Dew-point, 30 R. humidity, 48 V. pressure, .164
Clouds: Amount, 1; Kind, Cirst; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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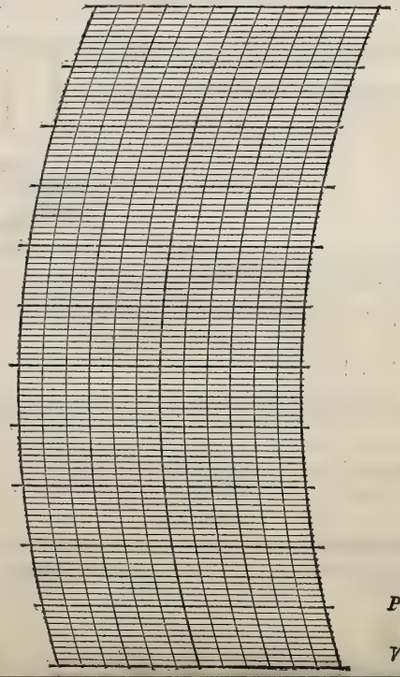
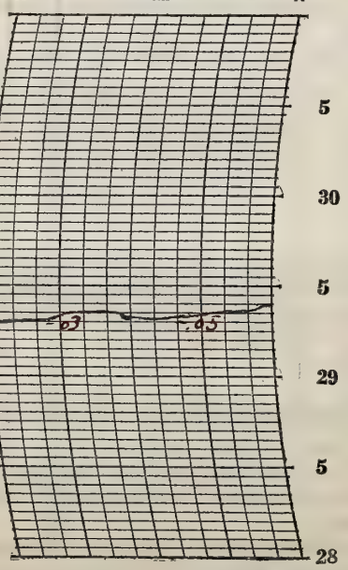


BAROGRAPH.



Prepared by

Verified by

NOTES

A clear day with some clouds in the afternoon and evening. The sun went behind a bank of clouds shortly before sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 12 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	35	34	35	36	35	38	42	43	46	47	47	48	47	47	46	45	45	45	45	44	43
State of weather: Nature of precipitation and time of beginning and ending		RB DNa	RE DNa																					RB DNp
Amounts of precipitation		T																						T
Cloudiness and other conditions																								

Sunrise: Time, 6:57; Character, Cloudy. Moonrise:

Sunset: Time, 4:13; Character, Cloudy. Moonset:

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	E	E	E	SE	E	E	S	SW	SW	SW	SW	SW	S	SE	SE	SE	SE	S	S	S	SE
Wind movement	3	3	3	2	3	3	2	3	1	5	5	4	4	5	4	3	5	5	5	5	5	3	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	34	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind, 87

Average hourly velocity, 3.6 Extreme velocity, 7

Maximum velocity, 7 Direction, SE

Time began, 5:15 pm

Reduced barometer, 30.33 7 a. m. 30.33 7 p. m.

River gage, 1.2 feet

Relative humidity, 78 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

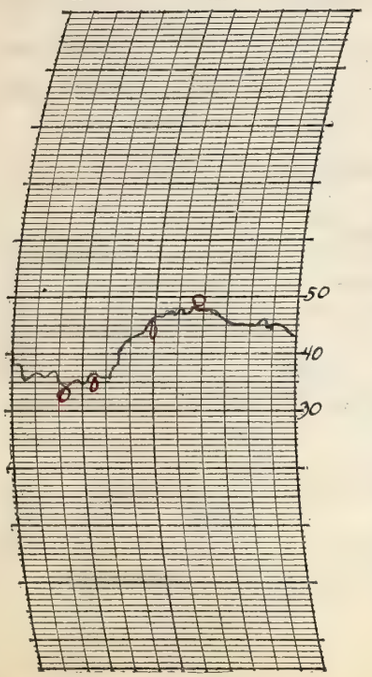
Dry temperature, 45.8 Wet temperature, 40.1

Dew-point, 32 R. humidity, 61 V. pressure, .180

Clouds: Amount, 10; Kind, cirst; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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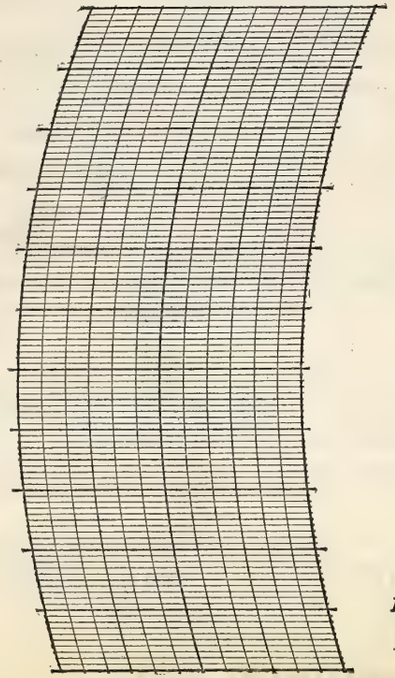
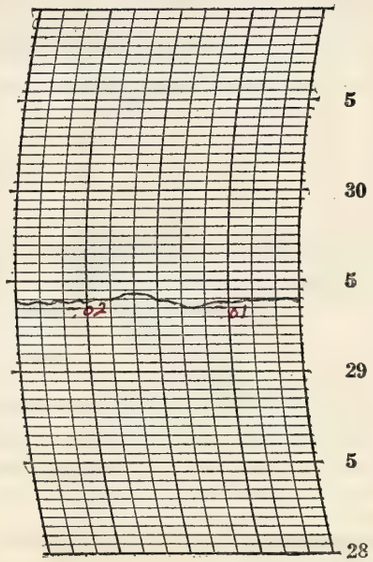


BAROGRAPH.



Prepared by EJS

Verified by

8—486

NOTES

Lt smog B DNa - E 10:30 a The sky was overcast the entire day with a light smog in the morning; visibility was bad. Rain fell in the early morning and again late at night. A light southerly wind prevailed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 13 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	41	41	41	40	41	41	45	51	52	52	52	53	51	48	46	45	44	44	45	45	45	46
State of weather: Nature of precipitation and time of beginning and ending	RE DAH														RB 2.00				#					RE ONP
Amounts of precipitation	T																32			20	13	18	03	T
Cloudiness and other conditions																								

Cloudy

Sunrise: Time, 6:58 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.6	0.6	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	E	E	E	E	E	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	2	2	4	4	5	4	5	4	4	4	5	4	4	4	4	7	9	11	10	12	9	9	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

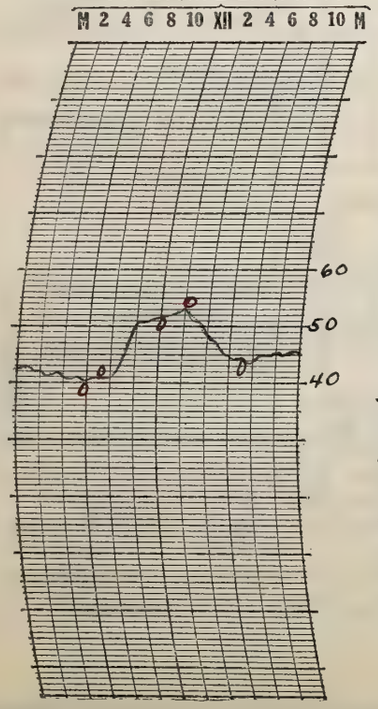
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.33 ins.
Total precipitation, midnight to midnight, .87 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 13
Prevailing wind direction, E Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 7:43 pm
Reduced barometer, 30.25 7 a. m. 30.09 7 p. m.
River gage, 1.1 feet
Relative humidity, 92 7 a. m. 95 7 p. m.

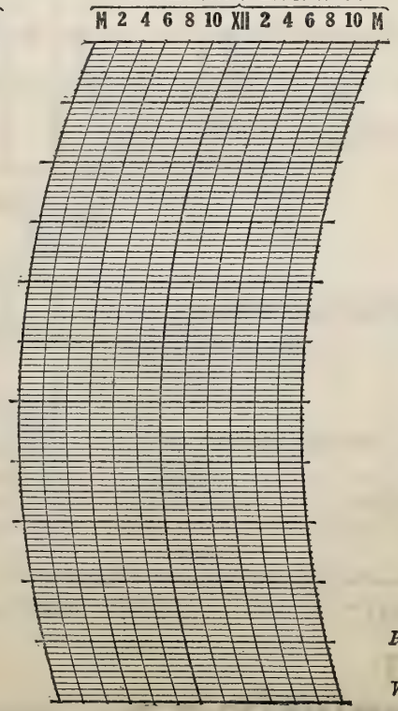
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 52.0 Wet temperature, 45.8
Dew-point, 40 R. humidity, 62 V. pressure, .247
Clouds: Amount, 10; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

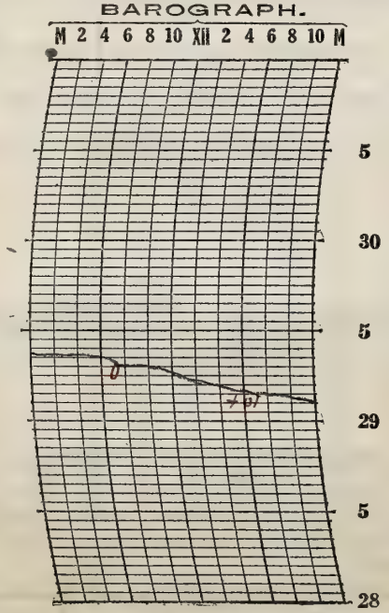
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.L.H.

NOTES

Tipping bucket inserted 6:20 p.m.

Temperatures were above normal. It was cloudy the entire day with a light rain in the early morning and another rain beginning at 2:00 p.m. and at first it was fairly light, becoming heavier after 4:00 p.m. A light to gentle easterly wind prevailed.

8—496

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 14 1928, 192

Time (local standard) 90 mer. ~~90~~ normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	47	47	46	46	46	46	45	43	43	45
Nature of precipitation and time of beginning and ending		RB DNa				RE DNa						
Amounts of precipitation		T	.07	.02	.01	.01						
Cloudiness and other conditions	Dense Fog										Fog	Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	SE	E	SE	SE	SE	E	E	E	E
Wind movement	6	7	4	5	6	3	1	2	5	4	4	3

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	45	44	44	44	43	43	42	42	42	42
Nature of precipitation and time of beginning and ending			RB 2:30 RE 2:35						RB 8:45			Cont
Amounts of precipitation			T						T	T	T	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	N	NE	NE	E	E	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	5	4	3	4	3	3	3	2	2

State of weather.

Sunrise: Time, 6:58 Character, Foggy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.66 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.11 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 93

Average hourly velocity, 3.9 Extreme velocity, 8

Maximum velocity, 8 Direction, E

Time began, 4:40 a.m.

Reduced barometer, 30.01 7 a. m. 30.21 7 p. m.

River gage, 12 feet

Relative humidity, 96 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

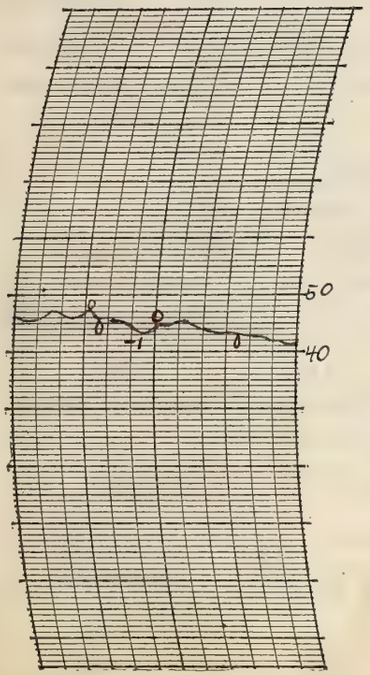
Dry temperature, 45.0 Wet temperature, 44.4

Dew-point, 44 R. humidity, 95 V. pressure, .287

Clouds: Amount, 10; Kind, St; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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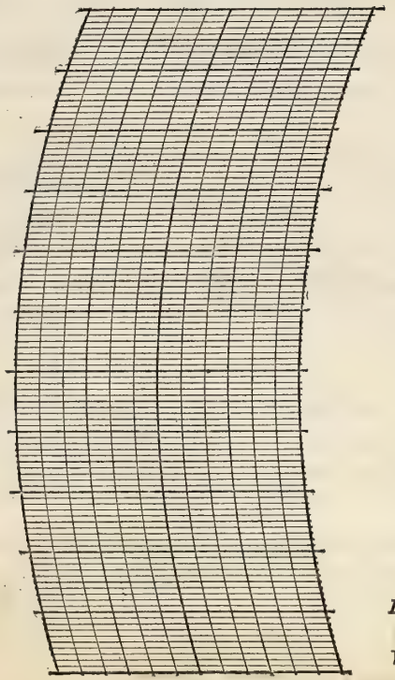
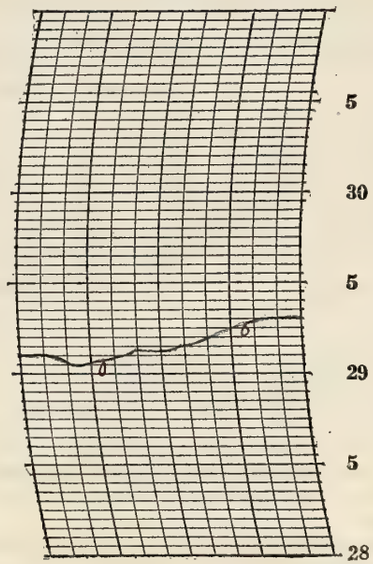


BAROGRAPH.



Prepared by E.J.

Verified by E.L.H.

8—486

NOTES

The sky was overcast the entire day. Rain fell in the early morning. A mist fell in the later part of the evening. Poor visibility most of the day with a dense fog beginning early in the morning and ending at 10:00 a.m. when it became light fog which ended at 11:15 a.m. Temperatures remained above normal with very little variation during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 15 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	43	43	43	43	43	44	45	46	46
State of weather: Nature of precipitation and time of beginning and ending	R Cont											
Amounts of precipitation	T	T	T	T	T	T	T	T	T	T	T	T
Cloudiness and other conditions					Dense Fog				Lt Fog			Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	0	NE	NE	SE	SE	SE	SW	SW	SW	SW	S	S
Wind movement	0	3	3	5	3	4	4	6	5	6	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	47	47	47	46	46	46	45	45	45	44
State of weather: Nature of precipitation and time of beginning and ending	RE 12:45				RB 4:10	RE 5:15						
Amounts of precipitation	T				.01	T						
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	8	7	7	7	8	8	10	9	9	7

Sunrise: Time, 6:59 Character, Foggy
Moonrise:
Sunset: Time, 4:14 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

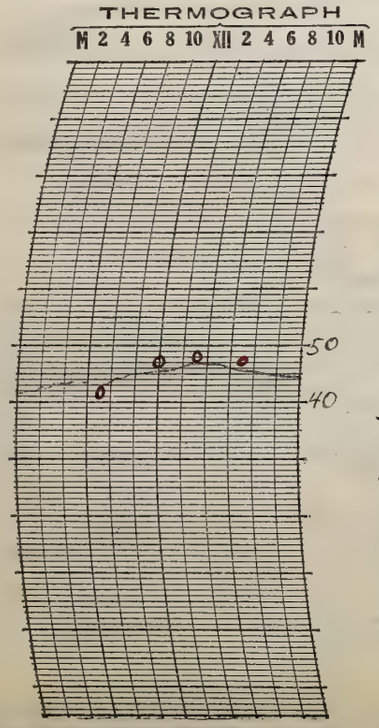
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 8:19 p.m.
Reduced barometer, 30.31 7 a. m. 30.28 7 p. m.
River gage, 1.5 feet
Relative humidity, 96 7 a. m. 92 7 p. m.

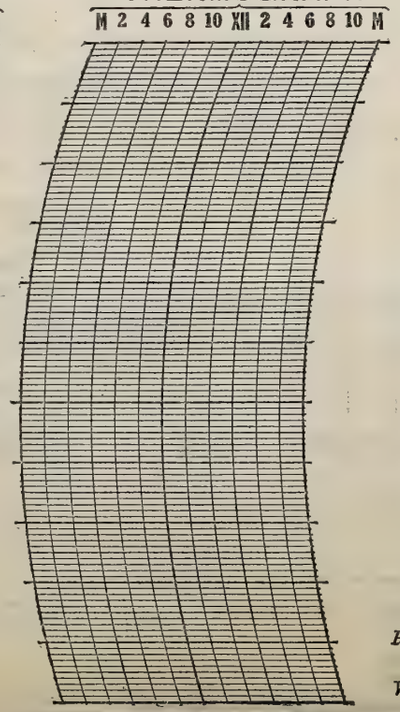
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.9 Wet temperature, 45.1
Dew-point, 44 R. humidity, 94 V. pressure, .287
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

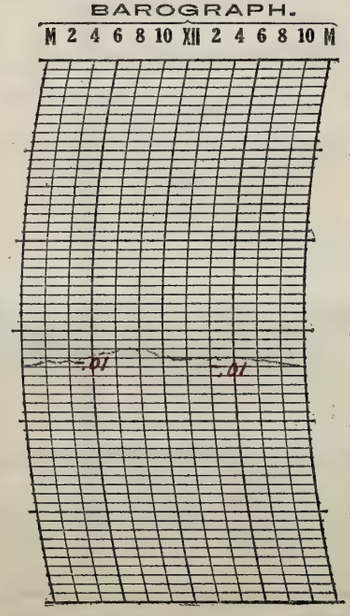
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.G.H.

NOTES

Dense Fog B DNA – E 8:30 a
Lt Fog B 8:30 a – E 9:30 a
A fine mist fell in the morning.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 16 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	43	44	44	44	44	45	46	47	47	47	48	47	47	47	47	47	47	47	47	47
State of weather: Nature of precipitation and time of beginning and ending													RB 12:20				RE 4:45						RB 10:50	
Amounts of precipitation													T	T	T	.01	T						T	T
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 7:00 Character, Cloudy
Moonrise:

Sunset: Time, 4:14 Character, Cloudy
Moonset:

Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	10	8	6	5	6	5	8	10	9	8	8	8	8	9	9	7	7	7	9	10	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

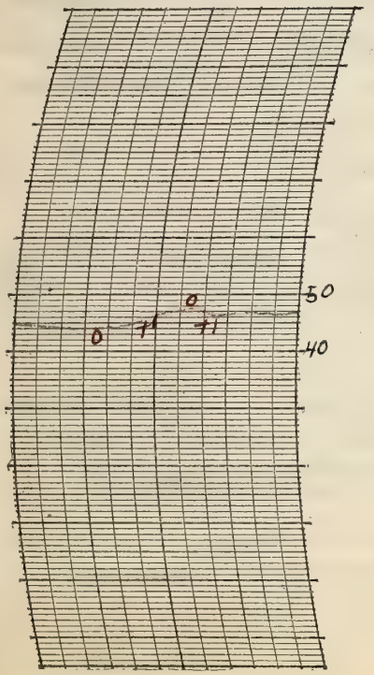
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	43	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 2:47 a.m.
Reduced barometer, 30.15 7 a. m. 29.95 7 p. m.
River gage, 1.4 feet
Relative humidity, 93 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.1 Wet temperature, 45.0
Dew-point, 43 R. humidity, 85 V. pressure, .277
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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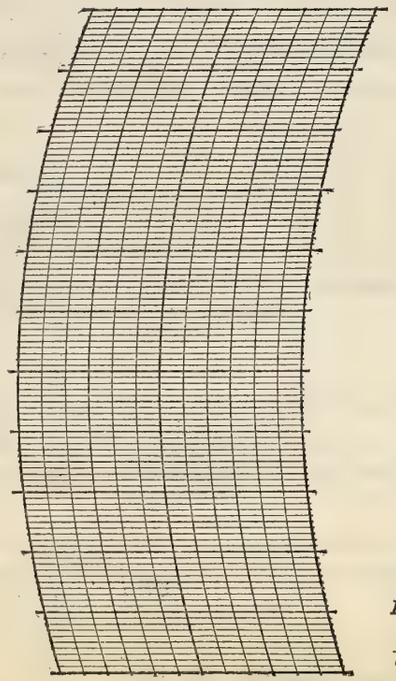
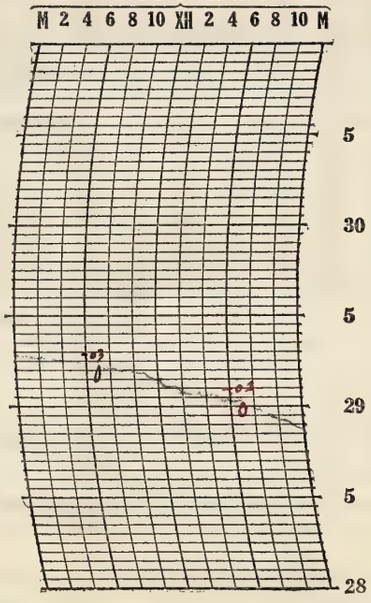


BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

A mist began in the late evening

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 17 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	47	47	47	47	47	48	45	41
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.02	.07	.03	.03	.04	.07	.06	.07	.05	.06	.04	.03
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	S	S	SW	SW	SW	SW	N	N
Wind movement	8	8	8	9	8	7	8	6	7	6	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	35	35	35	34	34	33	33	32	31	30	30
Nature of precipitation and time of beginning and ending	RE 12:20 SMB 12:30							SMB 7:45				
Amounts of precipitation	.04			.08				T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	15	15	13	11	11	13	15	15	17	16	16	13

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 7:01 Character, Cloudy

Moonrise:

Sunset: Time, 4:14 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	30	39	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.8 inches.

Precipitation to 7 a. m., 0.31 ins.; to 7 p. m., 0.38 ins.

Total precipitation, midnight to midnight, 0.69 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 8.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 262

Average hourly velocity, 10.9 Extreme velocity, 23

Maximum velocity, 21 Direction, NW

Time began, 8:11 p.m.

Reduced barometer, 29.55 7 a. m. 29.60 7 p. m.

River gage, 3.5 feet

Relative humidity, 96 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

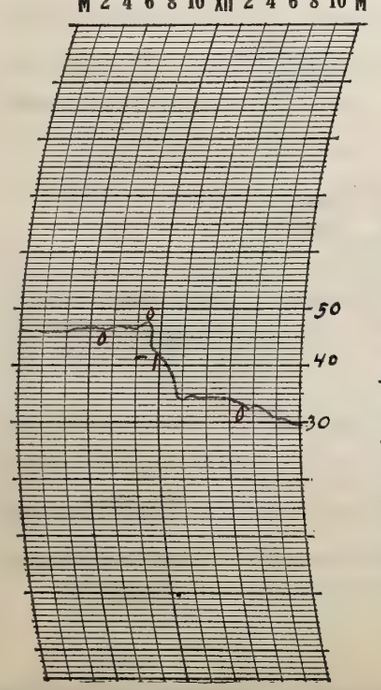
Dry temperature, 40.7 Wet temperature, 40.4

Dew-point, 40 R. humidity, 98 V. pressure, .247

Clouds: Amount, 10; Kind, st; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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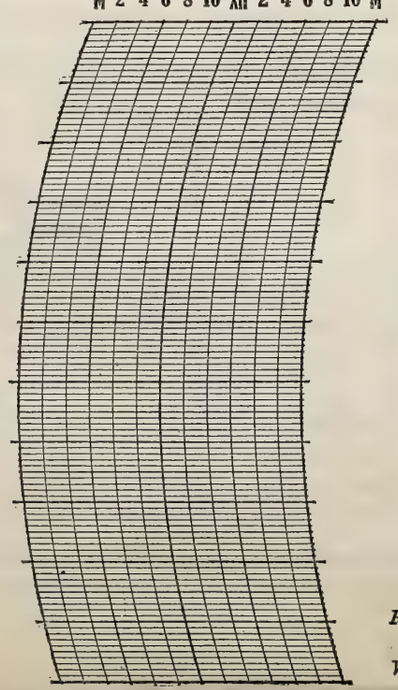
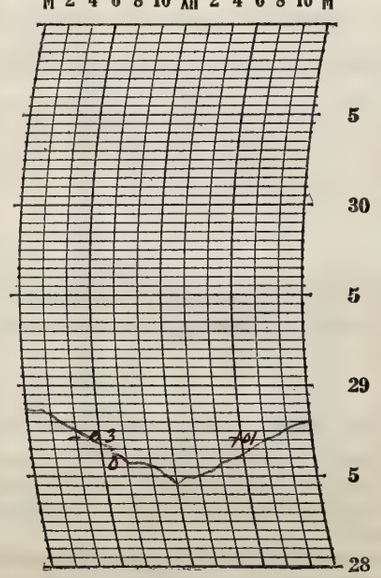


BAROGRAPH.



Prepared by

Verified by

NOTES

The sky was overcast the entire day. Rain fell in the morning changing to snow in the afternoon and continuing into the evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 18 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	29	28	27	25	26	27	27	28	29
State of weather: Nature of precipitation and time of beginning and ending								SDB 7:10		SDE 9:30		
Amounts of precipitation								T	T	T		
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	12	15	13	12	10	14	12	12	15	18	17

Sunrise: Time, 7:01; Character, Cloudy. Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	33	34	35	35	35	35	34	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending				SDB 2:30 SDE 3:40								
Amounts of precipitation				T								
Cloudiness and other conditions		Partly Cldy			Cldy				PtCloudy			
Sunshine (in tenths of hours)	0	0.4	0.2	0	0							
Wind direction	W	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	18	16	16	14	16	15	10	13	12	11	13	12

Sunset: Time, 4:15; Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

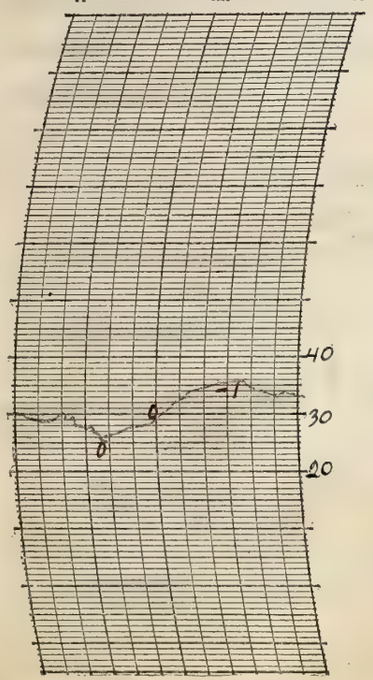
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	24	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.6 Possible sunshine, hours, 7.2
Per cent of possible sunshine, 7
Prevailing wind direction, W Total wind, 329
Average hourly velocity, 13.7 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 10:08 2 m
Reduced barometer, 29.83 7 a. m. 29.86 7 p. m.
River gage, 4.7 feet
Relative humidity, 81 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 34.8 Wet temperature, 31.2
Dew-point, 19 R. humidity, 64 V. pressure, .098
Clouds: Amount, 10; Kind, Stratus; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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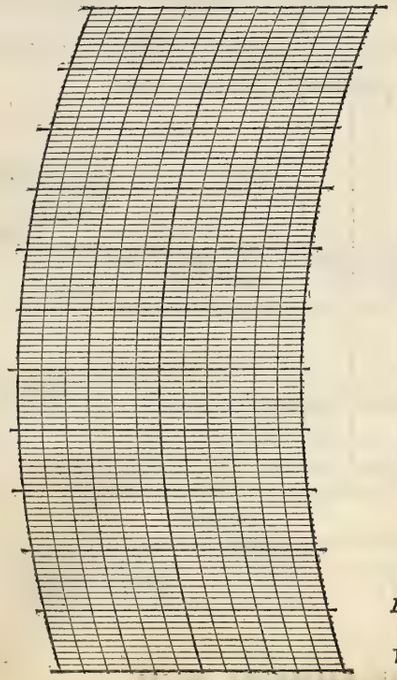
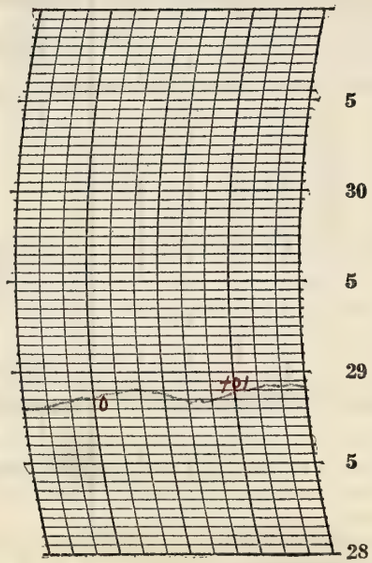


BAROGRAPH.



Prepared by EJ

Verified by

8—486

NOTES

A lunar corona was observed in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 19 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	30	30	30	30	31	32	31
Nature of precipitation and time of beginning and ending											S D B 10:56	S D E 11:05
Amounts of precipitation											T	T
Cloudiness and other conditions					← Clear				× Pt Cldy		×	
Sunshine (in tenths of hours)								0	0.6	0.1	0.1	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	12	11	11	15	13	11	10	9	10	11	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	28	27	28	28	28	28	27	27	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy →							
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	14	12	11	10	8	7	6	9	11	7	10

State of weather.

Sunrise: Time, 7:02 Character, Cloudy

Moonrise:

Sunset: Time, 4:15 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	26	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.2 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 13

Prevailing wind direction, W Total wind, 252

Average hourly velocity, 10.5 Extreme velocity, 17

Maximum velocity, 17 Direction, SW

Time began, 3:50 2 m

Reduced barometer, 29.95 7 a. m. 30.07 7 p. m.

River gage, 5.13 feet

Relative humidity, 89 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

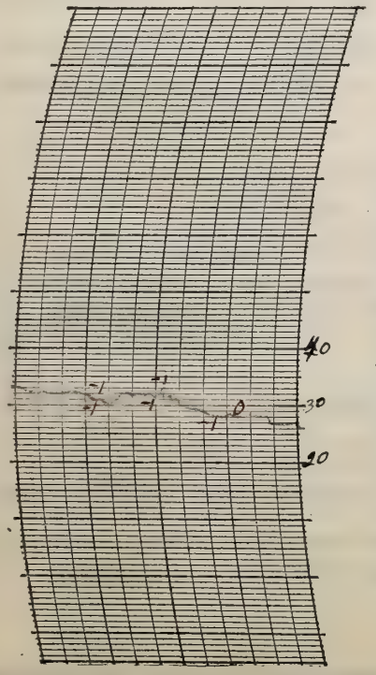
Dry temperature, 31.4 Wet temperature, 28.4

Dew-point, 23 R. humidity, 69 V. pressure, 1.8

Clouds: Amount, 9; Kind, St cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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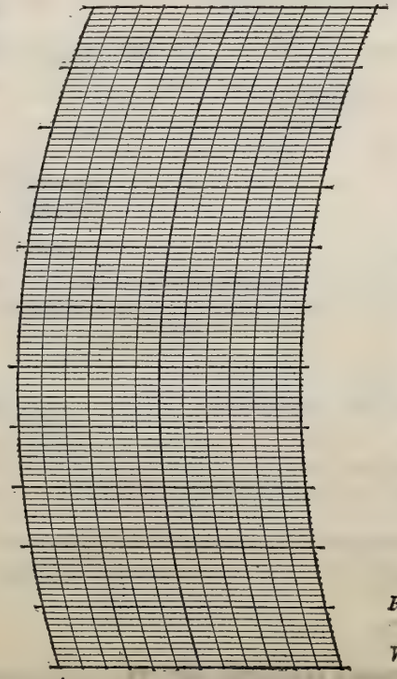
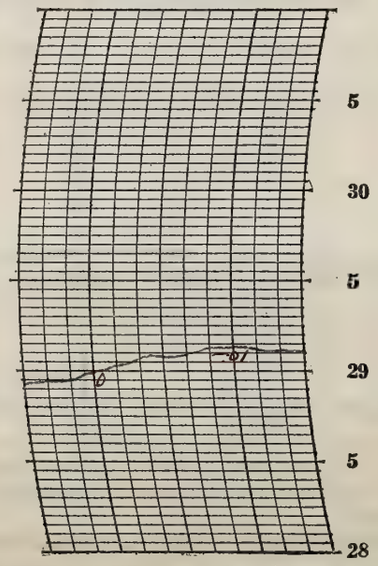


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. N.

NOTES

Mostly cloudy day with a very light rain just before noon.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 20 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	23	23	23	23	24	25	26	27
Nature of precipitation and time of beginning and ending			SDB DNa	SDE DNa		SDB DNa		SDE 7:30			SDB 10.30 SDE 10.40	
Amounts of precipitation				T				X			T	
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 7:02 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)								0	0	0.4	0.1	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	12	11	9	10	9	9	12	13	13	17	17	19
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	23	18	16	14	13	12	11	10	9	9
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt Cldy				Clear						
Sunset: Time, 4:15 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.1	0.3	1.0	0.7 0.3	0.2 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	22	22	23	24	21	16	16	16	15	13	10	9
Maximum velocities (exceeding 24 miles) direction and time		25 W 1:31	28 W 2:41	27 W 3:09								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	9	19	

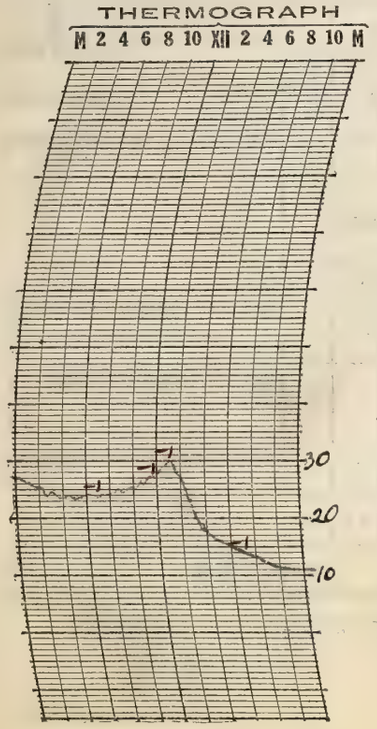
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.1 Possible sunshine, hours,
Per cent of possible sunshine, 34
Prevailing wind direction, W Total wind, 358
Average hourly velocity, 14.9 Extreme velocity, 33
Maximum velocity, 28 Direction, W
Time began, 2:41 pm
Reduced barometer, 30.01 7 a. m. 30.13 7 p. m.
River gage, 5.3 feet
Relative humidity, 73 7 a. m. 50 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.6 Wet temperature, 24.1
Dew-point, 19 R. humidity, 70 V. pressure, .098
Clouds: Amount, 10; Kind, Sf; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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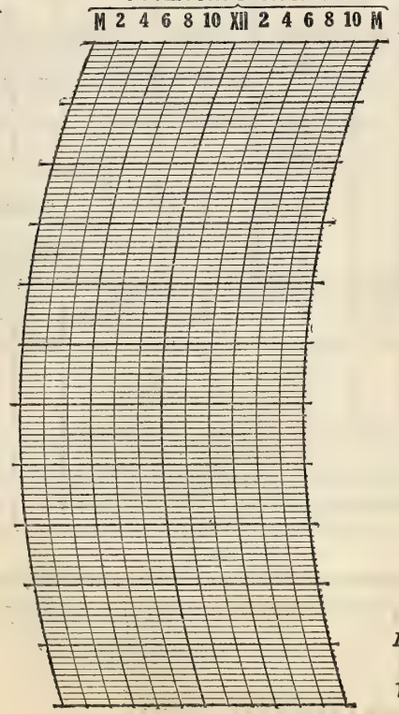

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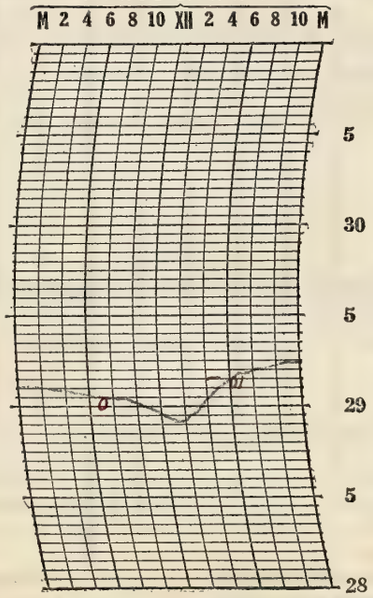


Prepared by CL
Verified by E.L.H.

NOTES

Cloudy day with light rains, sky clearing in afternoon and clear into the night.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 21 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	8	7	7	7	7	7	8	11	14	17	20	21	21	22	20	19	18	17	18	17	17	17	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear			×			Pt. Cldy			×		Cloudy				→
	Sunrise: Time, 7:03 Character, Clear																				Sunset: Time, 4:16 Character, Cloudy			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)								0.95 0	0.6 0	1.0	1.0	1.0	1.0	1.0	0.8	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	7	6	8	6	6	5	6	6	6	6	5	4	6	5	5	4	3	4	4	5	5	4	4
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

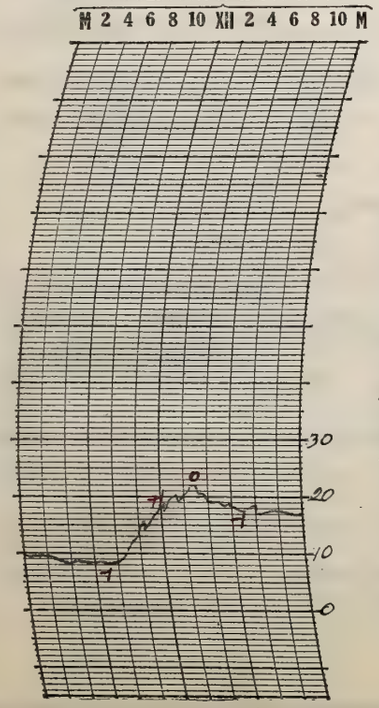
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	6	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 8.5
Prevailing wind direction, W Total wind, 128
Average hourly velocity, 5.3 Extreme velocity, 9
Maximum velocity, 9 Direction, W
Time began, 12:51 a. m.
Reduced barometer, 30.32 7 a. m. 30.39 7 p. m.
River gage, 4.1 feet
Relative humidity, 71 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.8 Wet temperature, 17.0
Dew-point, 9 R. humidity, 59 V. pressure, .060
Clouds: Amount, 3 1; Kind, ~~Cu~~ a cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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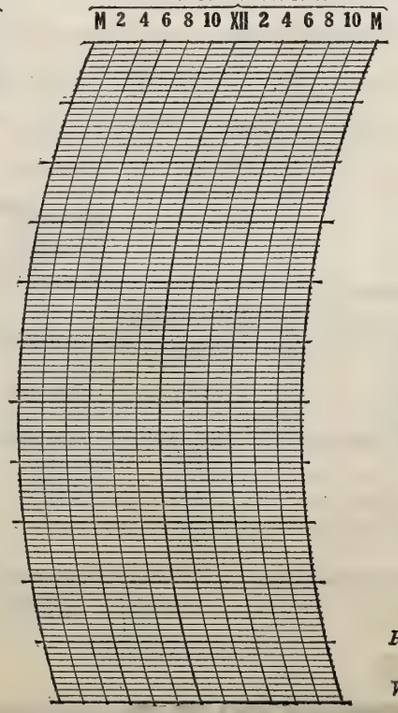
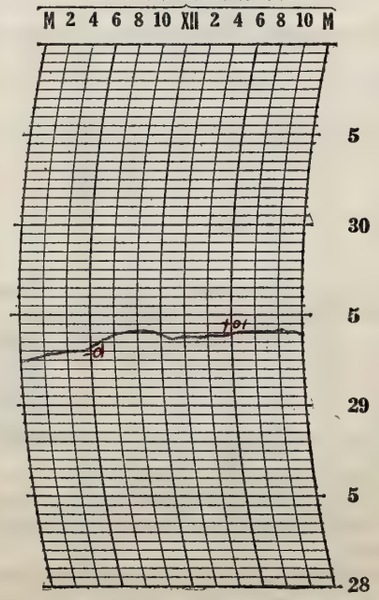


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Clear cold morning - Increasing cloudiness during the afternoon. Cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort [illegible], (Day of week) Saturday, (Date) DEC 22 1928, 192

Time (local standard) 90th mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	18	18	19	19	19	20	22	24	27	28	29	30	31	30	29	28	27	26	25	24	23
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Cloudy												→
Sunshine (in tenths of hours)								0	0	0.3	0.1	0	0.3	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	E	E	SE	SE	SE	SE	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	3	5	4	3	5	4	4	4	4	2	4	3	2	3	4	5	6	6	5	4	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:03 Character, Cloudy
Moonrise:
Sunset: Time, 4:16 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

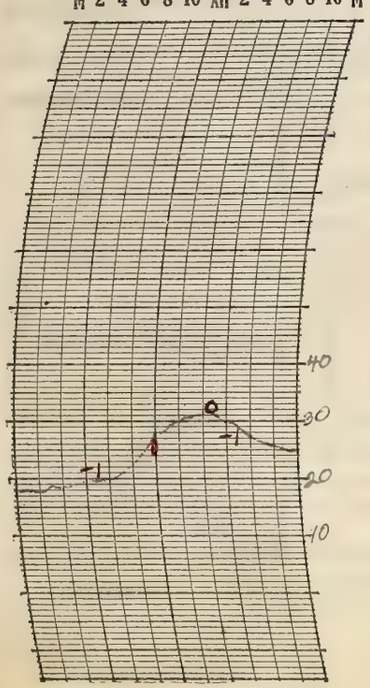
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 8
Prevailing wind direction, W Total wind, 98
Average hourly velocity, 4.1 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 5:27 p.m.
Reduced barometer, 30.34 7 a. m. 30.26 7 p. m.
River gage, 3.1 feet
Relative humidity, 60 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 27.1 Wet temperature, 23.6
Dew-point, 16 R. humidity, 59 V. pressure, .185
Clouds: Amount, 9; Kind, stratus; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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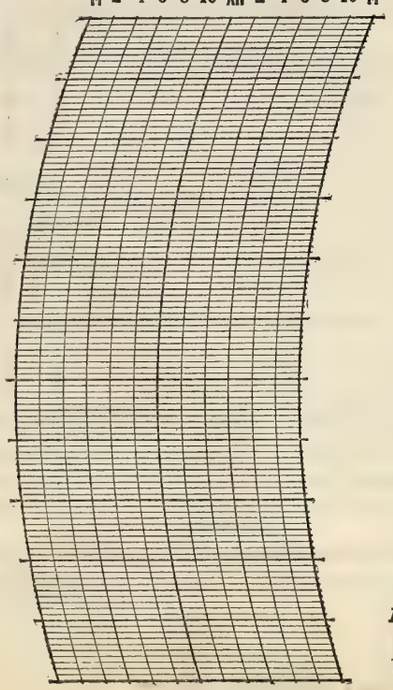
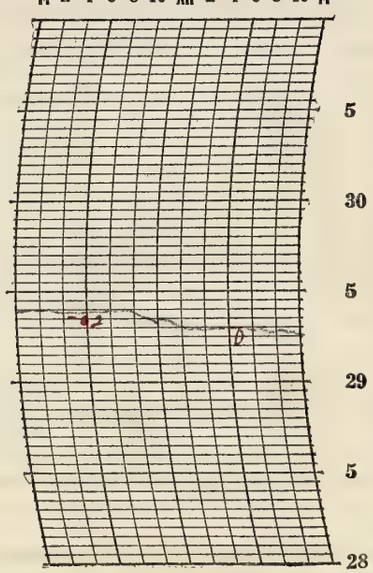


BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H.

8—486

NOTES

Cloudy, moderate day.
Cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 23 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	22	22	21	22	24	27	30	32	35	38	42	43	41	39	39	38	37	37	36	32	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Part Cloudy										Cloudy					
Sunshine (in tenths of hours)								0	0	0	0	0.8	0.6	0.8	1.0	0.3	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	E
Wind movement	4	4	3	4	3	2	2	4	6	7	6	4	5	4	7	7	5	3	4	3	3	2	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:
Sunset: Time, 4:17 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

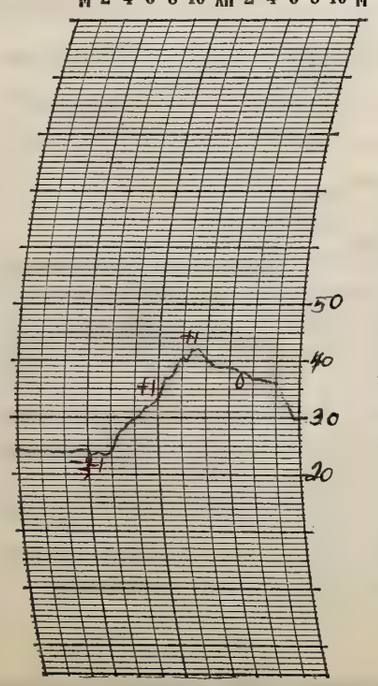
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	21	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 39
Prevailing wind direction, S Total wind, 97
Average hourly velocity, 4.0 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 2:32 p.m.
Reduced barometer, 30.21 7 a. m. 30.27 7 p. m.
River gage, 2.7 feet
Relative humidity, 94 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.3 Wet temperature, 32.0
Dew-point, 27 R. humidity, 70 V. pressure, .143
Clouds: Amount, 4; Kind, Cst; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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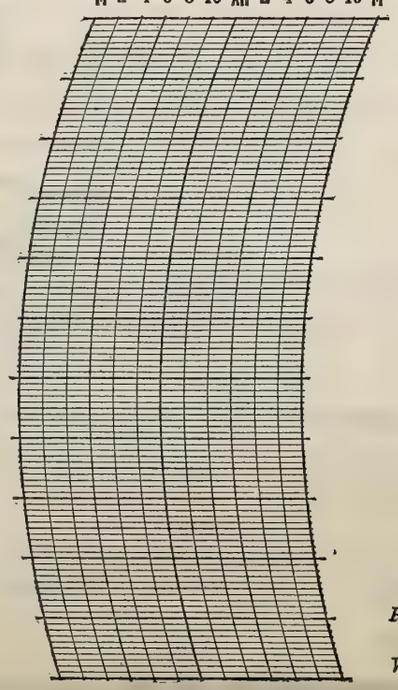
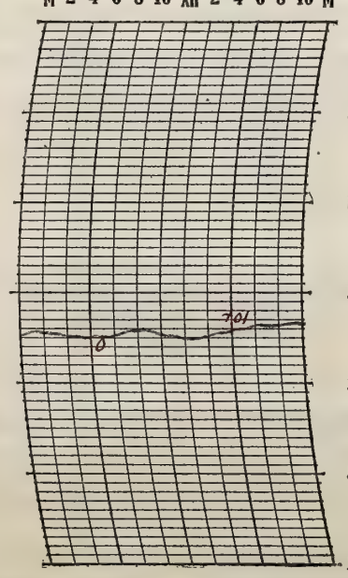


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

A 22° lunar halo was observed shortly before 6:35 p.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 24 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	31	30	25	26	28	32	37	42	44	46	47	46	45	43	42	40	39	38	37	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Part Cldy →										Clear									→
Sunshine (in tenths of hours)								0	0	1.0	1.0	1.0	1.0	1.0	0.1 / 0.9	1.0 / 0	0.30 / 0							
Wind direction	E	O	E	SE	SE	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	0	3	3	4	1	1	2	5	6	8	11	12	11	11	7	7	5	4	4	7	7	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:
Sunset: Time, 4:18 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	25	36	

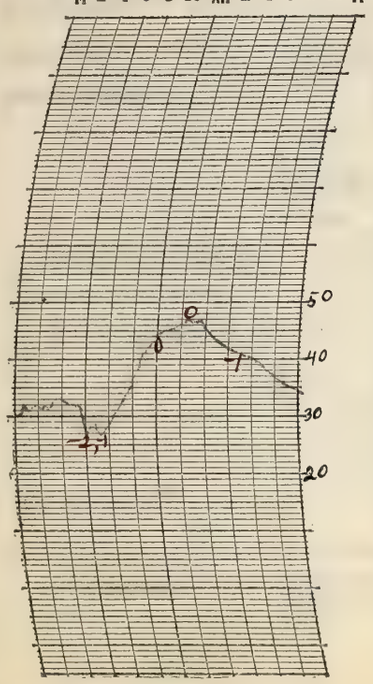
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 7.3 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 79
Prevailing wind direction, SW Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 12:38 pm
Reduced barometer, 30.34 7 a. m. 30.32 7 p. m.
River gage, 2.0 feet
Relative humidity, 94 7 a. m. 68 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.2 Wet temperature, 37.9
Dew-point, 30 R. humidity, 55 V. pressure, 1.4
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) —

THERMOGRAPH



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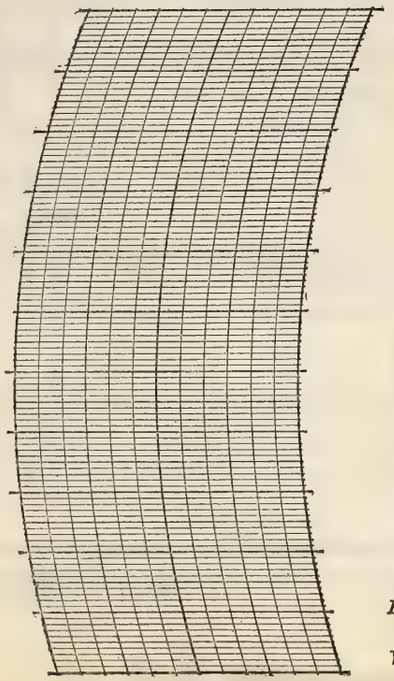
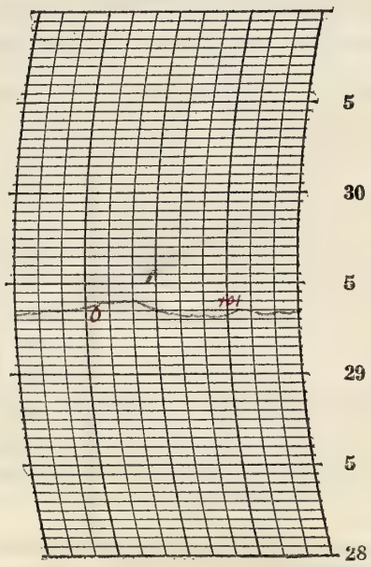


BAROGRAPH.



Prepared by EH
Verified by E.L.H.

8—486

NOTES

Light smoke from the SE in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) DEC 25 1928, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	31	31	30	30	29	28	30	34	38	42
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear		×		Pt. Cldy	
Sunshine (in tenths of hours)								0.92 / 0	0.6 / 0.4	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	8	9	7	8	7	7	6	8	7	6	5	9

Sunrise: Time, 7:05 Character, Clear

Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	44	44	44	41	41	40	39	38	37	35	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×			Clear			→	
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 / 0.6	0.30 / 0							
Wind direction	W	SW	W	SW	SW	SW	SW	S	S	S	S	S
Wind movement	10	8	9	6	5	4	4	6	8	7	7	10

Sunset: Time, 4:18 Character, Clear

Moonset:

Maximum velocities (exceeding 2 1/2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

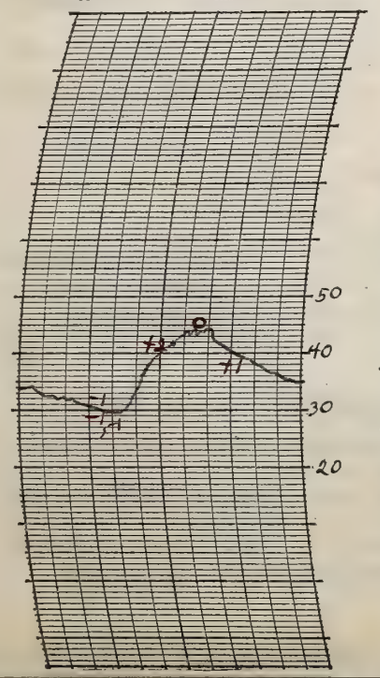
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	28	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 12:30 p.m.
Reduced barometer, 30.35 7 a. m. 30.32 7 p. m.
River gage, 24 fall
Relative humidity, 96 7 a. m. 65 7 p. m.

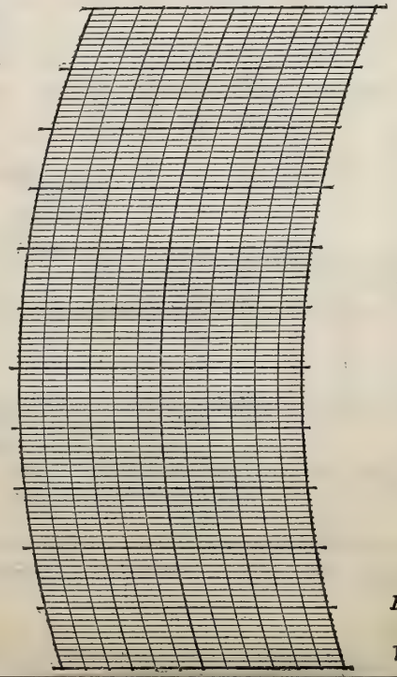
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 42.1 Wet temperature, 37.3
Dew-point, 31 R. humidity, 64 V. pressure, 1.22
Clouds: Amount, 7 Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

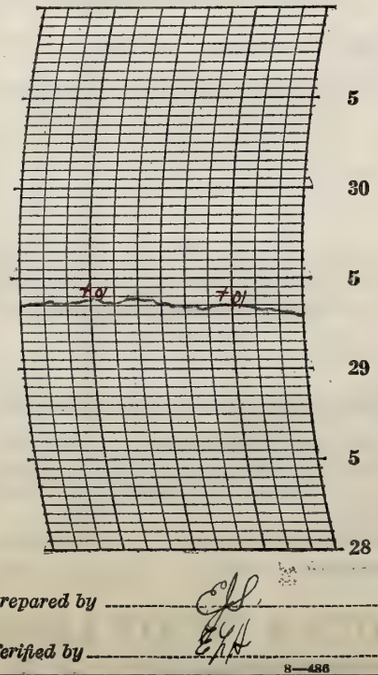
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.S.

Verified by E.A.H.

8—486

NOTES

It was clear in the early morning gradually becoming partly cloudy near noon and again becomming clear at night. This is the warmest Christmas since the Weather Bureau opened here. A heavy frost was deposited in the morning and it appeared as though there was snow on the ground. Mostly high clouds prevailed with the sun shining through.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 26 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	34	34	34	34	35	38	41	44	45	46	49	47	47	43	42	40	40	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Part			Cloudy									Cloudy		
Sunrise: Time, 7:05 Character, Clear																					Sunset: Time, 4:19 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0.92 0	0.6 0.4	1.0	1.0	1.0	0.5	1.0	0.6	0.5	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S	S	SE	S
Wind movement	8	9	10	11	10	10	11	11	12	13	15	16	13	15	12	8	8	8	10	9	9	8	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	33	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.5 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 82

Prevailing wind direction, S Total wind, 251

Average hourly velocity, 10.5 Extreme velocity, 19

Maximum velocity, 17 Direction, S

Time began, 12:31 P.M.

Reduced barometer, 30.15 7 a. m. 29.90 7 p. m.

River gage, 2.4 feet

Relative humidity, 81 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

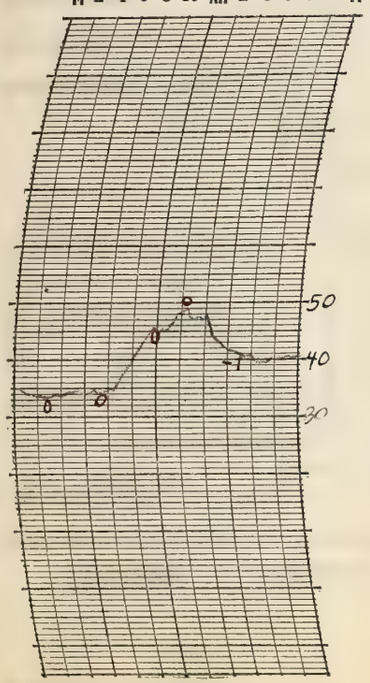
Dry temperature, 45.1 Wet temperature, 38.8

Dew-point, 30 R. humidity, 56 V. pressure, .164

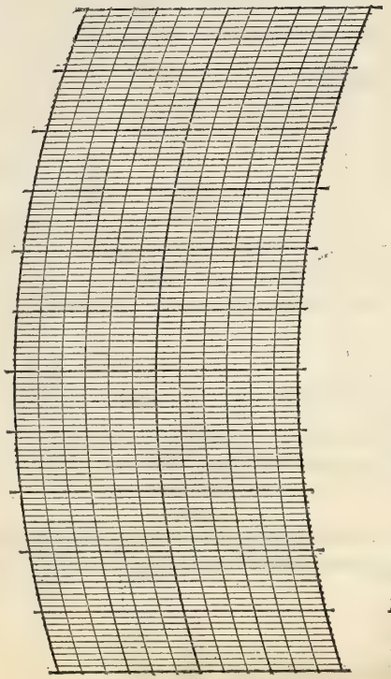
Clouds: Amount, 7; Kind, Cirr.; Direction, SW

Velocity of clouds (miles per hour)

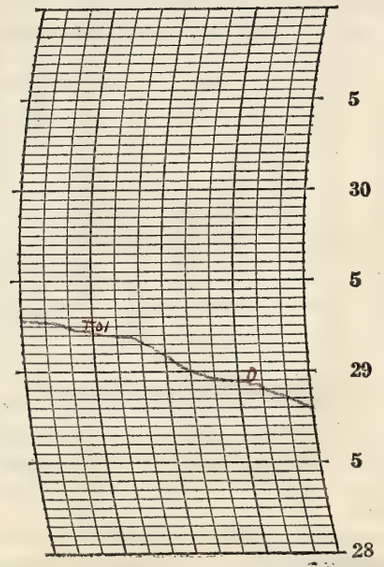
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.L.N.

8—486

NOTES

Light clouds prevailed most of the day. The sky became overcast in the later part of the evening. A moderate to light southerly wind prevailed. A heavy deposit of frost covered objects in the early morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 27 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	39	38	38	38	39	39	39	41	38	39	39	39	37	37	37	36	36	35	34	32	31
State of weather: Nature of precipitation and time of beginning and ending			RB 0Na RE 0Na																					
Amounts of precipitation			T																					
Cloudiness and other conditions					←							Cloudy									→			
Sunrise: Time, 7:05 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:19 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	SE	SE	S	S	S	S	W	W	W	NW	NW	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	7	7	7	5	5	5	6	4	5	6	9	11	14	12	11	12	10	12	10	9	7	9	12	14
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	31	36	

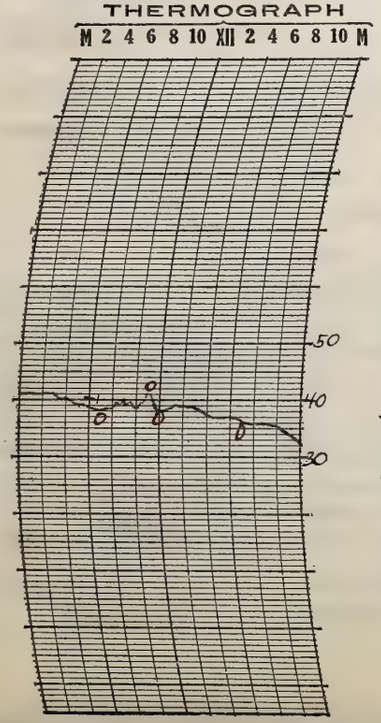
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 11:40 p.m.
Reduced barometer, 29.72 7 a. m. 29.94 7 p. m.
River gage, 0.3 feet
Relative humidity, 91 7 a. m. 72 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.1 Wet temperature, 37.1
Dew-point, 36 R. humidity, 91 V. pressure, .211
Clouds: Amount, 10; Kind, st; Direction, N.W.
Velocity of clouds (miles per hour)

THERMOGRAPH



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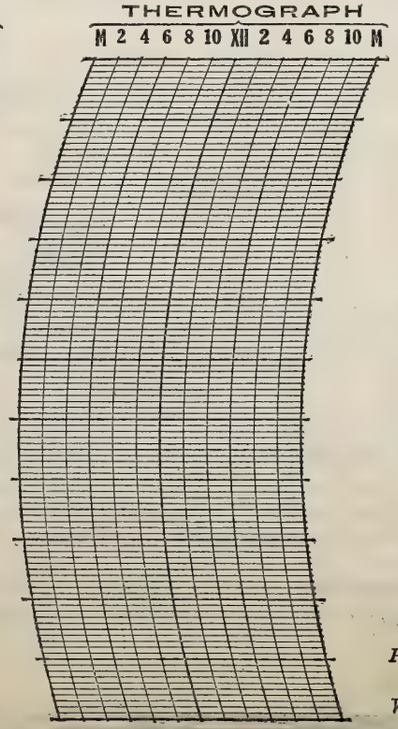
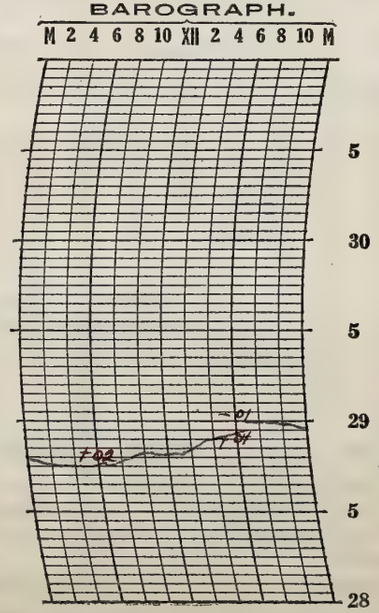


BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

NOTES

A cloudy day with light to moderate winds.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 28 1928, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	31	32	33	35	36	37	39	42	45	46	46	46	44	43	42	42	40	39	39	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy ×						Pt Cloudy		Cloudy		× Cldy ×				Pt Cldy					→
Sunrise: Time, 7:06 Character, Cloudy																					Sunset: Time, 4:20 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0	0.1	0.5	0.8	1.0	0.4	0.3	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	N	NW	NW	N
Wind movement	13	12	14	15	12	13	14	12	9	9	8	7	7	6	4	3	3	2	3	4	4	4	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.1 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 34

Prevailing wind direction, SW Total wind, 194

Average hourly velocity, 8.1 Extreme velocity, 19

Maximum velocity, 18 Direction, SW

Time began, 3:41 2 m.

Reduced barometer, 29.75 7 a. m. 29.60 7 p. m.

River gage, 2.1 feet

Relative humidity, 71 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

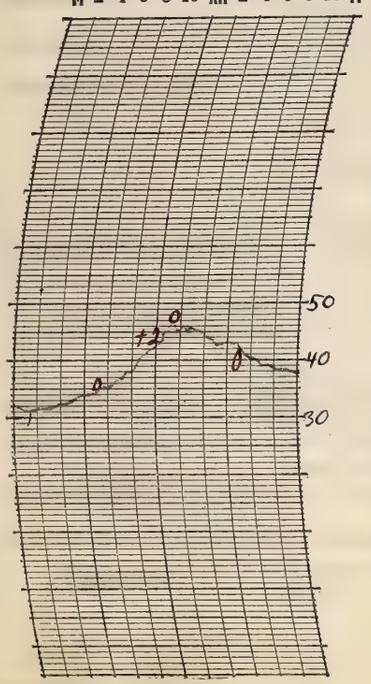
Dry temperature, 45.1 Wet temperature, 37.2

Dew-point, 26 R. humidity, 46 V. pressure, .136

Clouds: Amount, 7; Kind, ci st; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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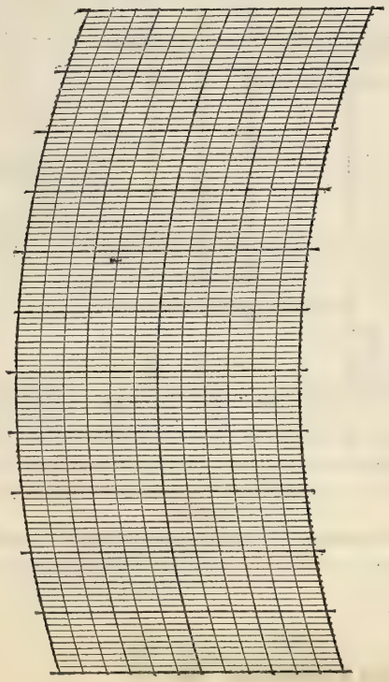
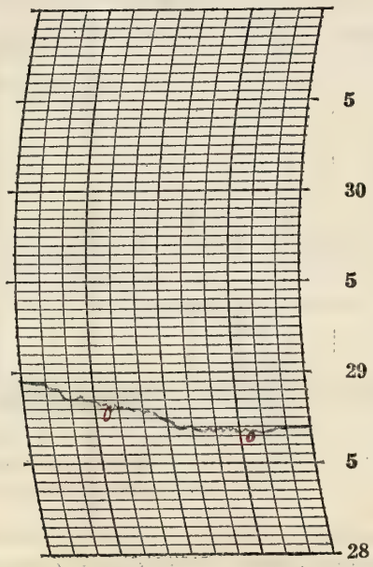


BAROGRAPH.



Prepared by G.S.

Verified by E.L.H.

8—486

NOTES

The sky became partly cloudy in the later half of the morning but again clouded up in mid afternoon. Close to sunset it again became partly cloudy and continued into the night. The stars were visible.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Dec 29 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	33	33	33	32	33	33	33	33	34	33	32	32	31	31	30	30	30	29	29	28
State of weather: Nature of precipitation and time of beginning and ending										SD B 9:30 SD E 9:35						SD B 3:20 SD E 3:35								
Amounts of precipitation										T						T								
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W
Wind movement	8	9	10	9	7	7	9	11	13	14	15	15	15	14	15	13	14	10	11	10	10	9	9	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:21 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

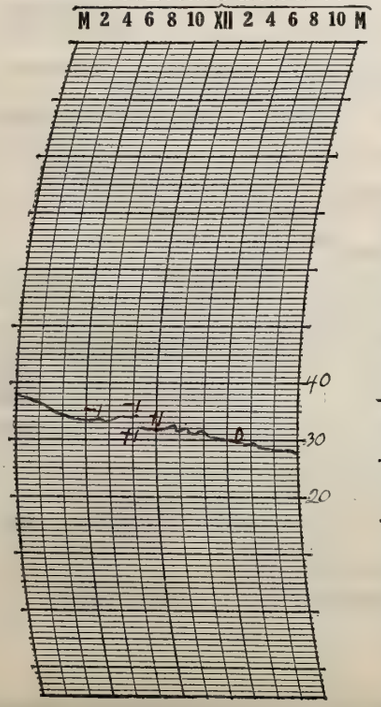
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	28	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 266
Average hourly velocity, 11.1 Extreme velocity, 21
Maximum velocity, 19 Direction, NW
Time began, 12:14 p.m.
Reduced barometer, 29.88 7 a. m. 30.23 7 p. m.
River gage, 1.8 feet
Relative humidity, 79 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.0 Wet temperature, 30.1
Dew-point, 25 R. humidity, 72 V. pressure, 130
Clouds: Amount, 10; Kind, st cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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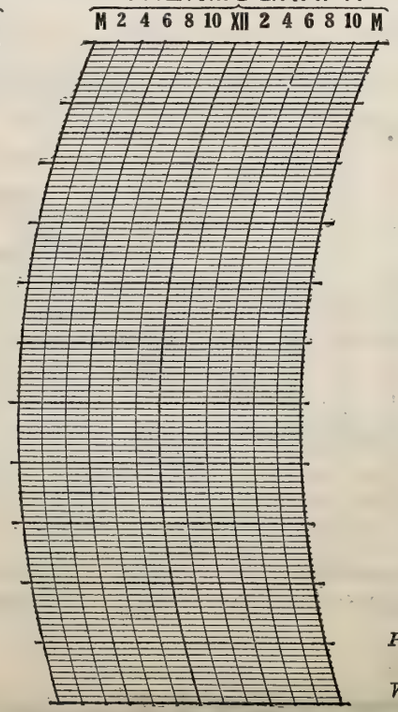
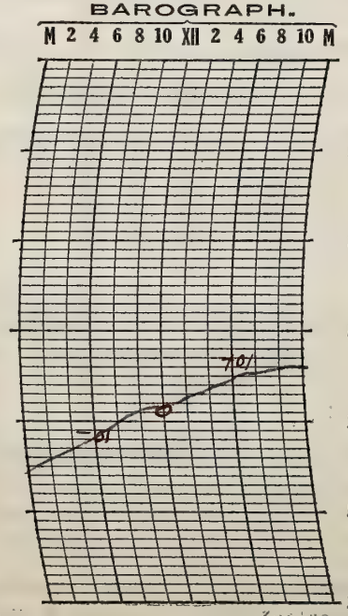


BAROGRAPH.



Prepared by CJ

Verified by

NOTES

A cloudy, cold, windy day with a few very light snow flurries. Cloudy at night. Mostly high clouds

8—456

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 30 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	26	26	26	24	23	24	26	28	31	32	33	32	32	31	31	31	31	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 7:06 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:22 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)								0	0	0	0.2	0.5	0.2	0.2	0	0	0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	E	E	SE	SE	SE	SE	SE	SE
Wind movement	8	8	7	7	5	5	6	8	6	6	5	7	5	4	5	3	3	3	3	4	5	4	4	4
Maximum velocities (exceeding 24 miles), direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

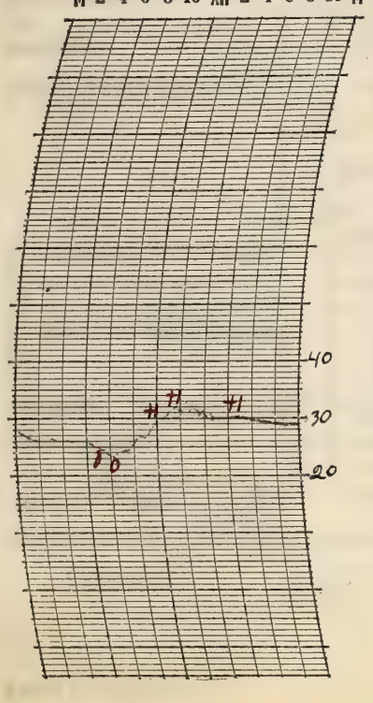
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	23	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.1 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 12
Prevailing wind direction, SW Total wind, 125
Average hourly velocity, 5.2 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 1:31 2 m.
Reduced barometer, 30.28 7 a. m. 30.20 7 p. m.
River gage, 1.8 feet
Relative humidity, 82 7 a. m. 71 7 p. m.

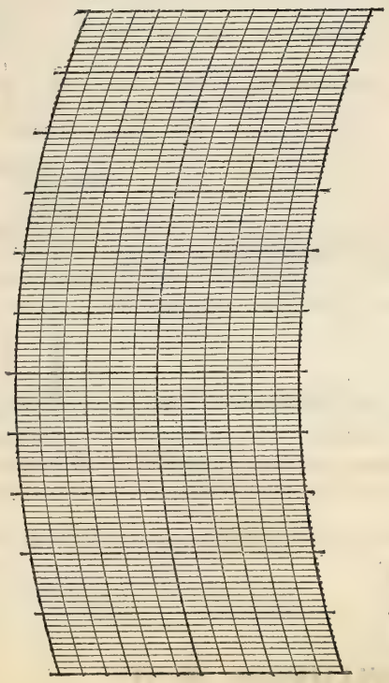
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.8 Wet temperature, 26.8
Dew-point, 20 R. humidity, 58 V. pressure, 103
Clouds: Amount, 10; Kind, 2 st.; Direction, W
Velocity of clouds (miles per hour)

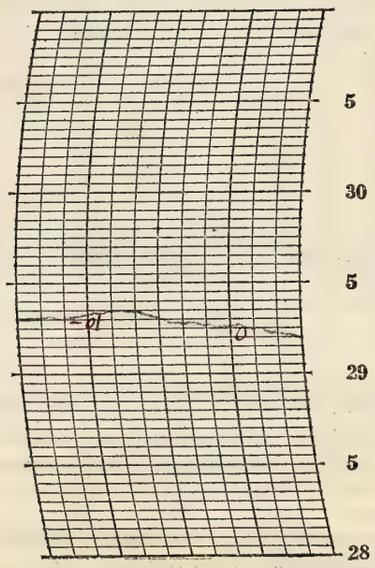
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Cloudy during the night a. m. The sun shone thru thin upper clouds a large portion of the day. However the sky was overcast all day. A pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 31 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	28	27	27	27	26	28	33	36	41	41	41	41	41	40	40	40	39	38	38	37	35
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:30p RE 6:35			SPB 9:10 SPE 9:35		
Amounts of precipitation																			T			T		
Cloudiness and other conditions					←		Pt Cloudy		×		Clear		×	Pt Cldy		×		Cloudy						→
Sunrise: Time, 7:06 Character, Cloudy																					Sunset: Time, 4:22 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0	0.2	1.0	1.0	1.0	1.0	0.5	0.6	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	S	S	S	S	E	E	E	E	E	E	E	E	NE	NE	NE
Wind movement	2	3	4	3	3	2	3	4	3	6	6	5	3	4	3	4	3	3	3	4	3	5	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

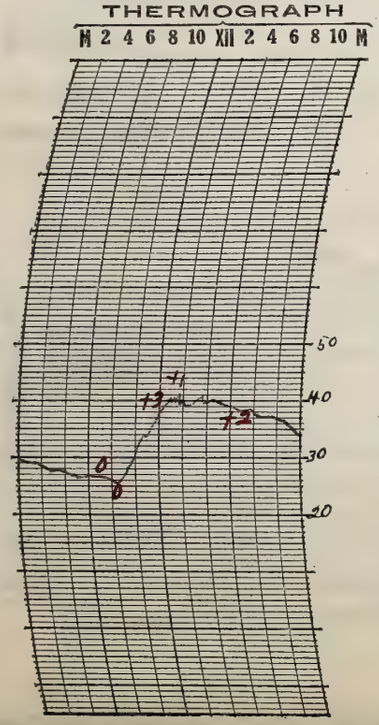
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 57
Prevailing wind direction, E Total wind, 92
Average hourly velocity, 3.8 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 11:07 pm
Reduced barometer, 30.12 7 a. m. 30.05 7 p. m.
River gage, 1.7 feet
Relative humidity, 88 7 a. m. 60 7 p. m.

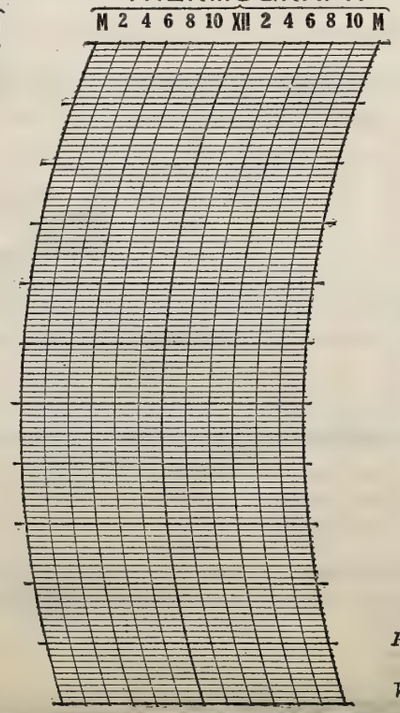
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 34.1
Dew-point, 24 R. humidity, 49 V. pressure, 124
Clouds: Amount, 1; Kind, cirst; Direction, W
Velocity of clouds (miles per hour)

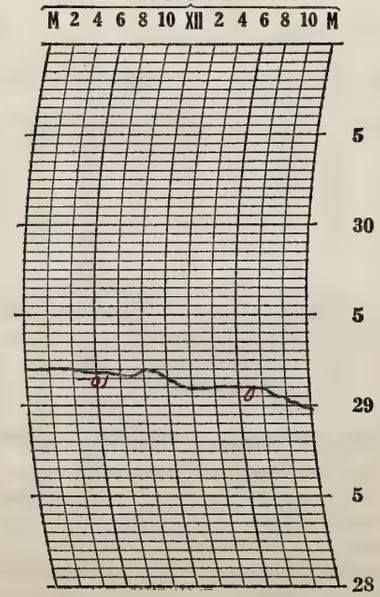
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

Moderate cold wave ordered for Tuesday and Tuesday night.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, *192*

Time (local standard) 90 mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

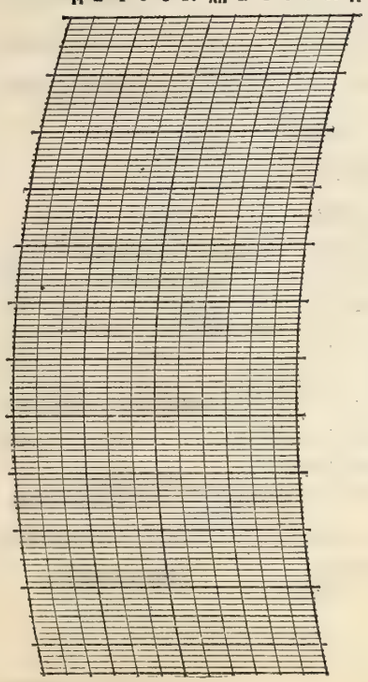
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

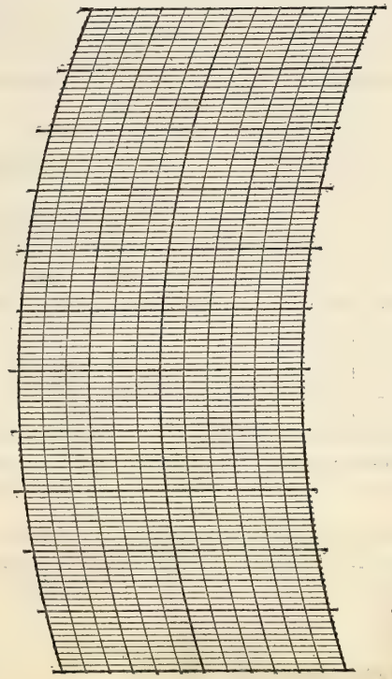
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



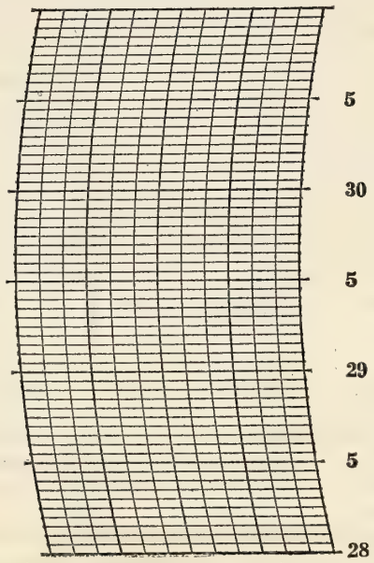
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

8—456

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.
Snow, sleet, and hail on ground _____ p. m., _____ inches.
Total snowfall, midnight to midnight, _____ inches.
Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.
Total precipitation, midnight to midnight, _____ inches.
Character of day, _____ Moon phase, _____
Average daily cloudiness (0-10), _____
Actual sunshine, hours, _____ Possible sunshine, hours, _____
Per cent of possible sunshine, _____
Prevailing wind direction, _____ Total wind, _____
Average hourly velocity, _____ Extreme velocity, _____
Maximum velocity, _____ Direction, _____
Time began, _____
Reduced barometer, _____ a. m. _____ p. m.
River gage, _____
Relative humidity, _____ a. m. _____ p. m.

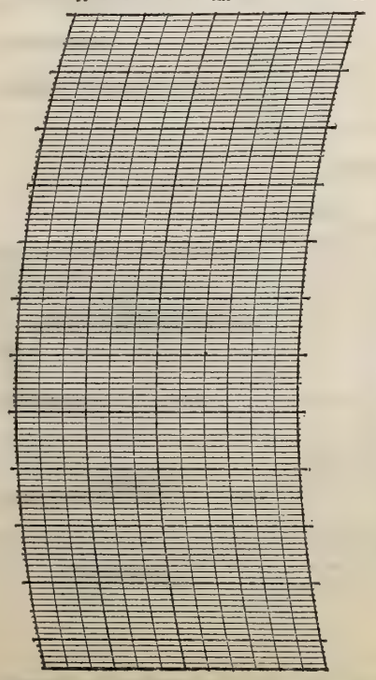
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____
Dew-point, _____ R. humidity, _____ V. pressure, _____
Clouds: Amount, _____; Kind, _____; Direction, _____
Velocity of clouds (miles per hour) _____

THERMOGRAPH



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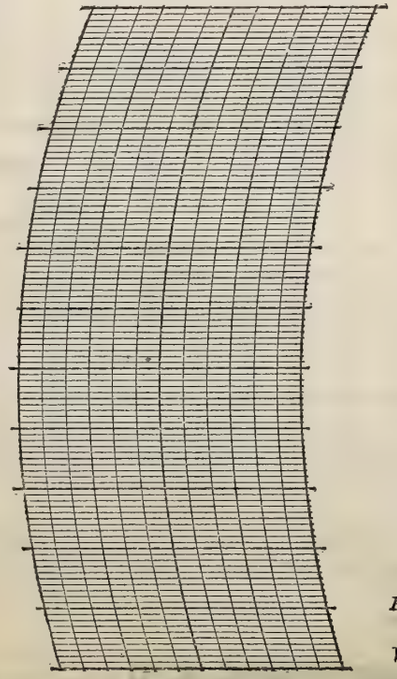

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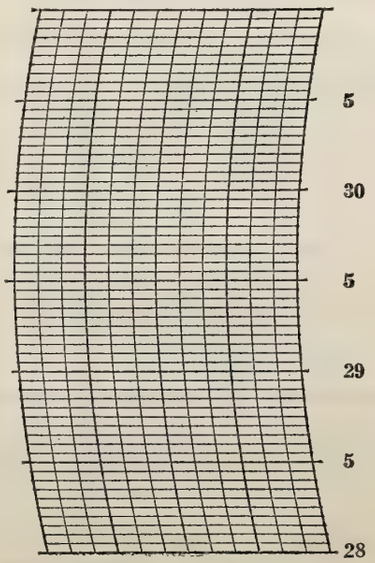


Prepared by _____

Verified by _____

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

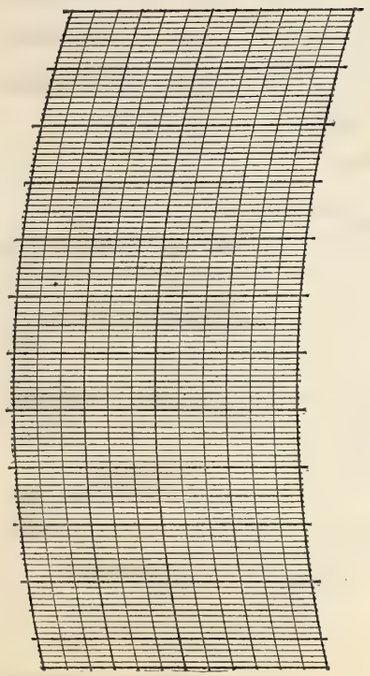
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

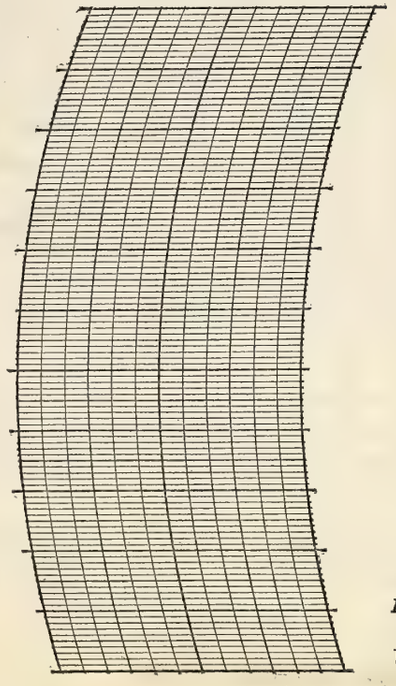
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



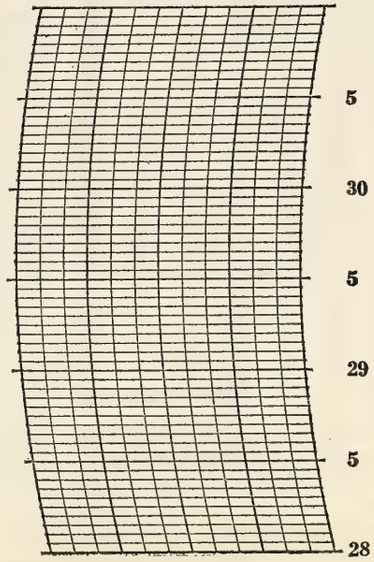
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

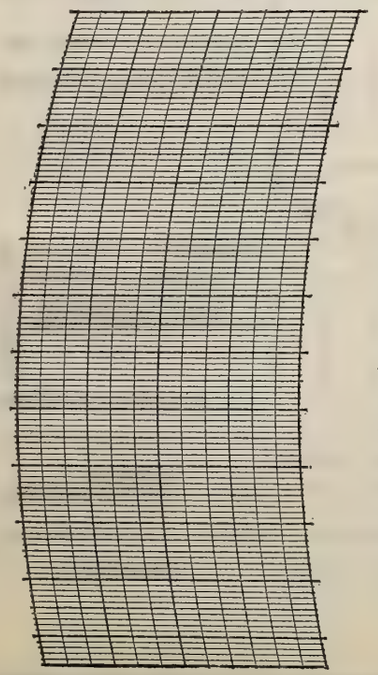
Total depth of snow for 24 hours ending _____ p. m., _____ inches.
Snow, sleet, and hail on ground _____ p. m., _____ inches.
Total snowfall, midnight to midnight, _____ inches.
Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.
Total precipitation, midnight to midnight, _____ inches.
Character of day, _____ Moon phase, _____
Average daily cloudiness (0–10), _____
Actual sunshine, hours, _____ Possible sunshine, hours, _____
Per cent of possible sunshine, _____
Prevailing wind direction, _____ Total wind, _____
Average hourly velocity, _____ Extreme velocity, _____
Maximum velocity, _____ Direction, _____
Time began, _____ _____
Reduced barometer, _____ a. m. _____ p. m.
River gage, _____
Relative humidity, _____ a. m. _____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

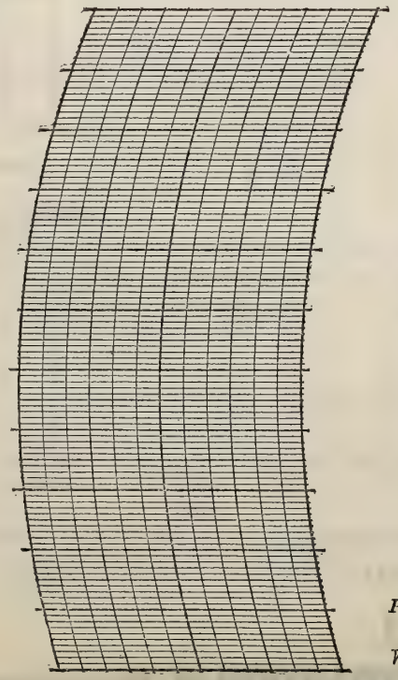
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____
Dew-point, _____ R. humidity, _____ V. pressure, _____
Clouds: Amount, _____; Kind, _____; Direction, _____
Velocity of clouds (miles per hour) _____

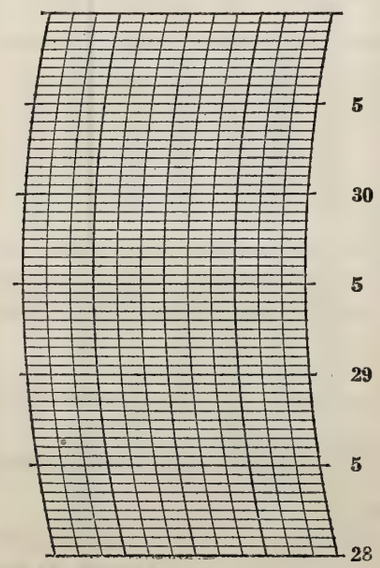
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

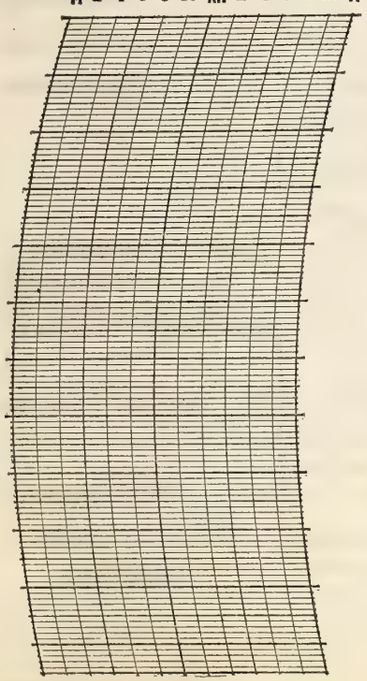
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

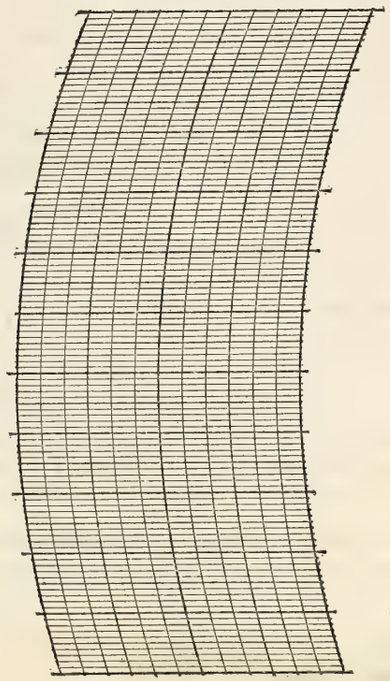
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



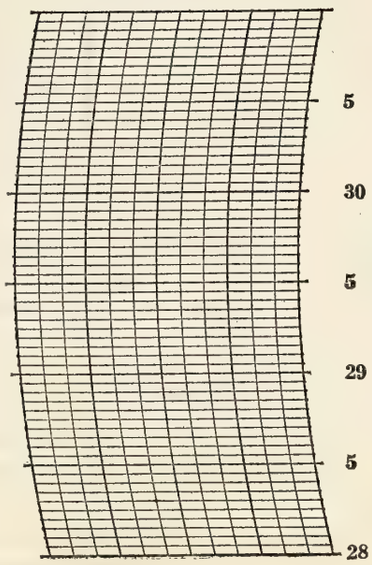
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

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NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

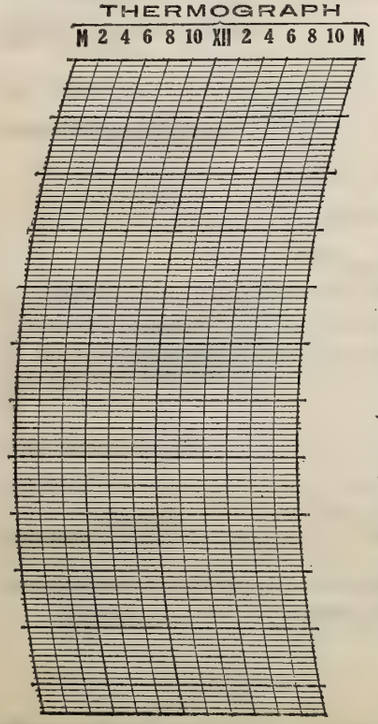
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

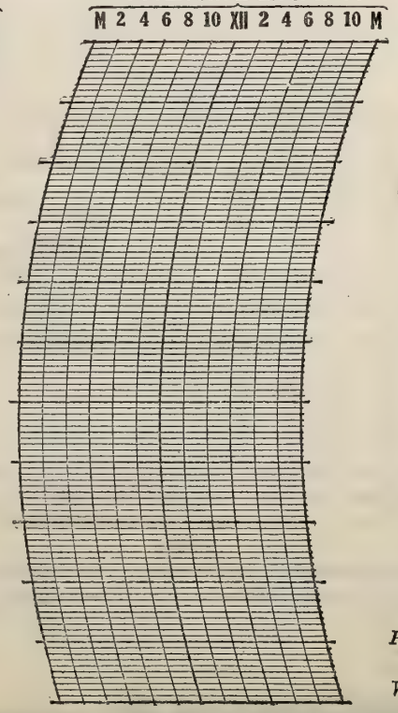
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

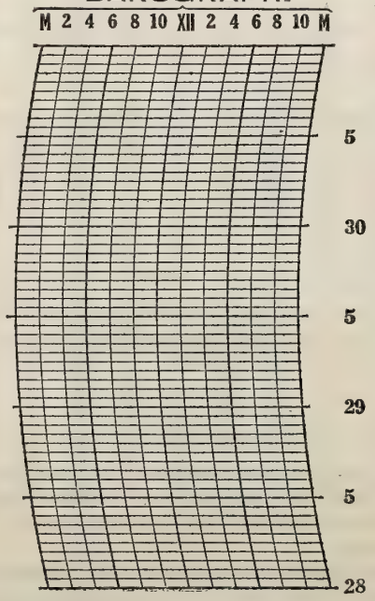
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

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NOTES

INDEX, DAILY LOCAL RECORD, 192 8

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras							7					
Clouds, special formation												
Cold waves												
Dew, heavy deposits of						3					28	
Droughts												
Earthquakes												
Fires, forest												
Fog, dense	10, 16	23,	12,			27				3		14, 15
Floods, other than in rivers												
Frosts, light				16, 20, 25	6, 8, 12, 13				25			
Heavy				17, 18, 26, 27	7				24			
Killing				28					26			
First killing after July 15									26			
Last killing before July 15				28								
Last heavy before July 15					7							
First heavy after July 15									24			
Hail. *See* Precipitation												
Ice												
Lightning, damage by												
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late				22								
Special	24			18, 21, 30		4, 13, 18		23		4, 8, 11	1, 2, 7, 14, 19	
Optical phenomena, haze												
Coronæ	6,		25								31	18
Halo, lunar	31	2, 5		2, 27						21, 31		
Solar			15		25	19, 21,	26	24	2	12		
Parhelia												
Parselenæ												
Rainbows						12					17	
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, heavy					17							
Excessive					17	5, 19	21					
Sleet			8, 29									

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ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 192 8

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.												
Snow, light	25, 26, 27 1, 19, 20, 24,	26 20, 23, 24, 25, 1, 2, 8, 9, 10, 16, 19	27, 29 4, 5, 18, 19, 26,	7, 8, 9, 14							28 21, 22, 24, 25, 26,	20, 29, 31 1, 5, 7, 8, 18, 19,
Heavy		17-18	12, 30								10, 19, 20,	4, 17,
Hail			26							25		
Wet periods					15-19							
Rivers, rapid rise												
Flood stages												
Low-water stages, unusual												
High water, periods of	20,	15-19		3	20							
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light										29		10, 24
Dense												
Temperature, unusually high												
Unusually low	1, 2, 3											
Sudden rise												
Sudden fall			26		4							
Periods of high	10-15		22-26	3-6	2-4	18-22	18-22	1-10	9-14		14-18	11-16
Periods of low	1-4, 20-21, 26-30	19-21, 24-26	3-6	8-10	24, 30	2-5	20, 24, 27	28				20-22
Thunderstorms			13, 25, 29		4, 10, 17, 18, 21,	19, 22,	3, 4, 8, 10, 11, 18, 19,	4, 5, 9, 10, 21,	2	5, 8		
Tornadoes												
Warnings, advisory												
Cold wave		23										
Emergency												
Frost									23, 25, 27			
Hurricane												
Rapid rise in river												
Flood												
Winds, ~~25~~ 2 to ~~39~~ 3 miles per hour	4, 25, 26 19, 20, 22, 24,			29, 30 14, 18, 19, 21, 24, 28, 3, 4, 5, 6, 7, 8, 12,	4, 11, 17,	4, 13, 29,	3, 4, 18, 19, 21,	4, 21,	12, 14, 21, 22, 23, 25,	5, 9, 19, 24,	23, 24, 26, 30 6, 11, 13, 14, 15, 17, 21,	3, 5, 18, 20,
~~40~~ 33 miles per hour, or over	19, 20		2, 26									
Hurricanes												
~~Daylight savings~~									29			

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